

# AKAI PJ-417CD-II SERVICE MANUAL ALL VERSION

## CONTENTS :

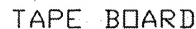
- # SCHEMATIC DIAGRAM FOR MAIN UNIT
- # WIRING DIAGRAM FOR MAIN UNIT
- # SCHEMATIC DIAGRAM FOR CD MAIN BOARD
- # WIRING DIAGRAM FOR CD MAIN BOARD
- # ALIGNMENT PROCEDURE
- # EXPLODED VIEW FOR MAIN UNIT
- # PART LIST FOR EXPLODED VIEW OF THE SET
- # EXPLODED VIEW FOR CASSETTE DECK MECHANISM
- # PART LIST FOR CASSETTE DECK MECHANISM
- # DISASSEMBLY DRAWING FOR CD MECHANISM
- # PART LIST FOR CD MECHANISM
- # PART LIST FOR CD MAIN BOARD
- # PART LIST FOR MAIN UNIT



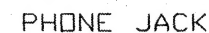
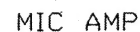




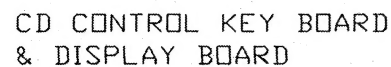




UNIT : RESISTOR IN OHM AND  
CAPACITOR IN P.  
UNLESS OTHER SPECIFY

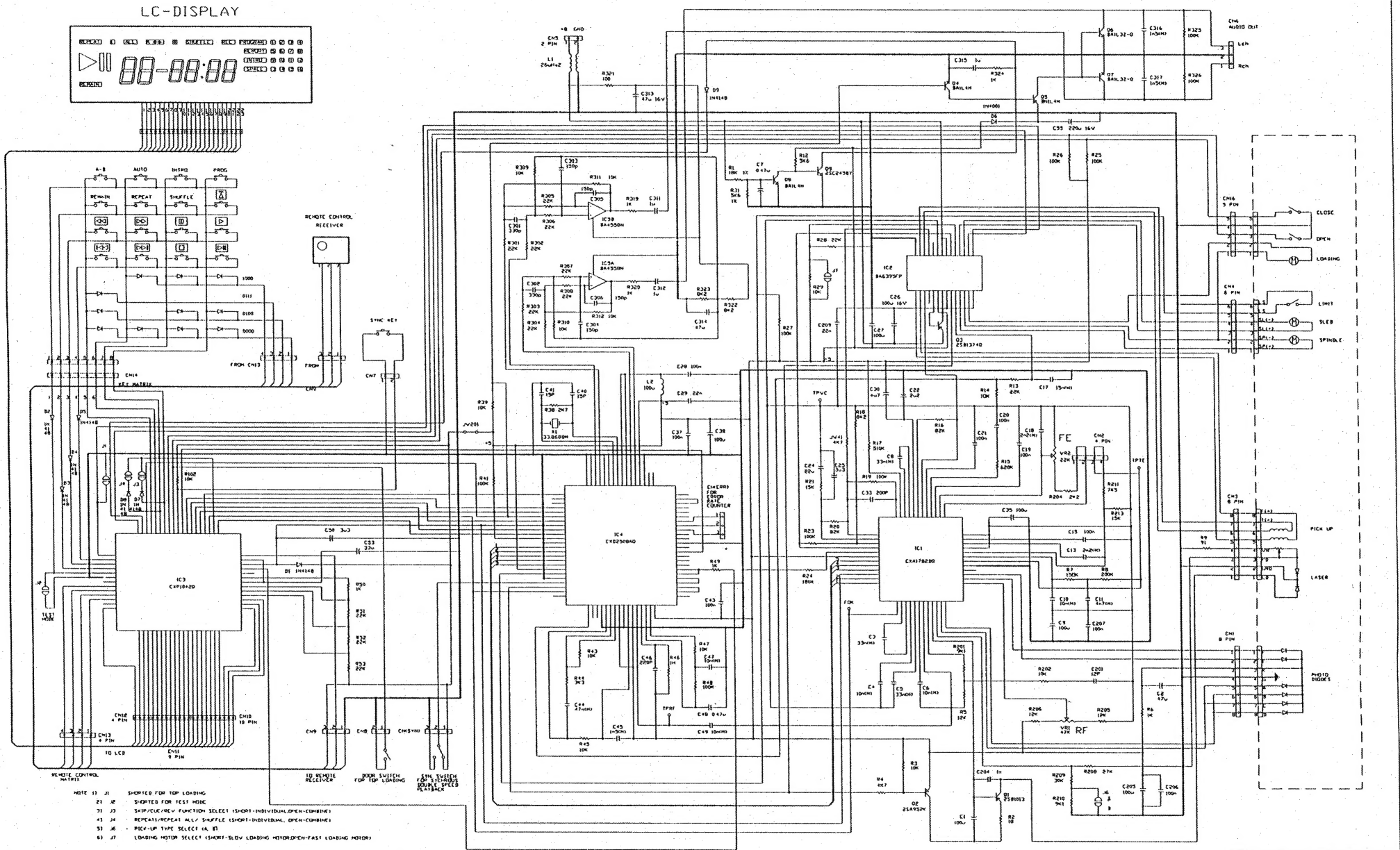
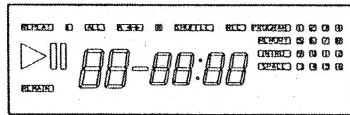


EXTERNAL  
SPEAKER



MODEL: PJ-417CD II  
ALL VERSIONS

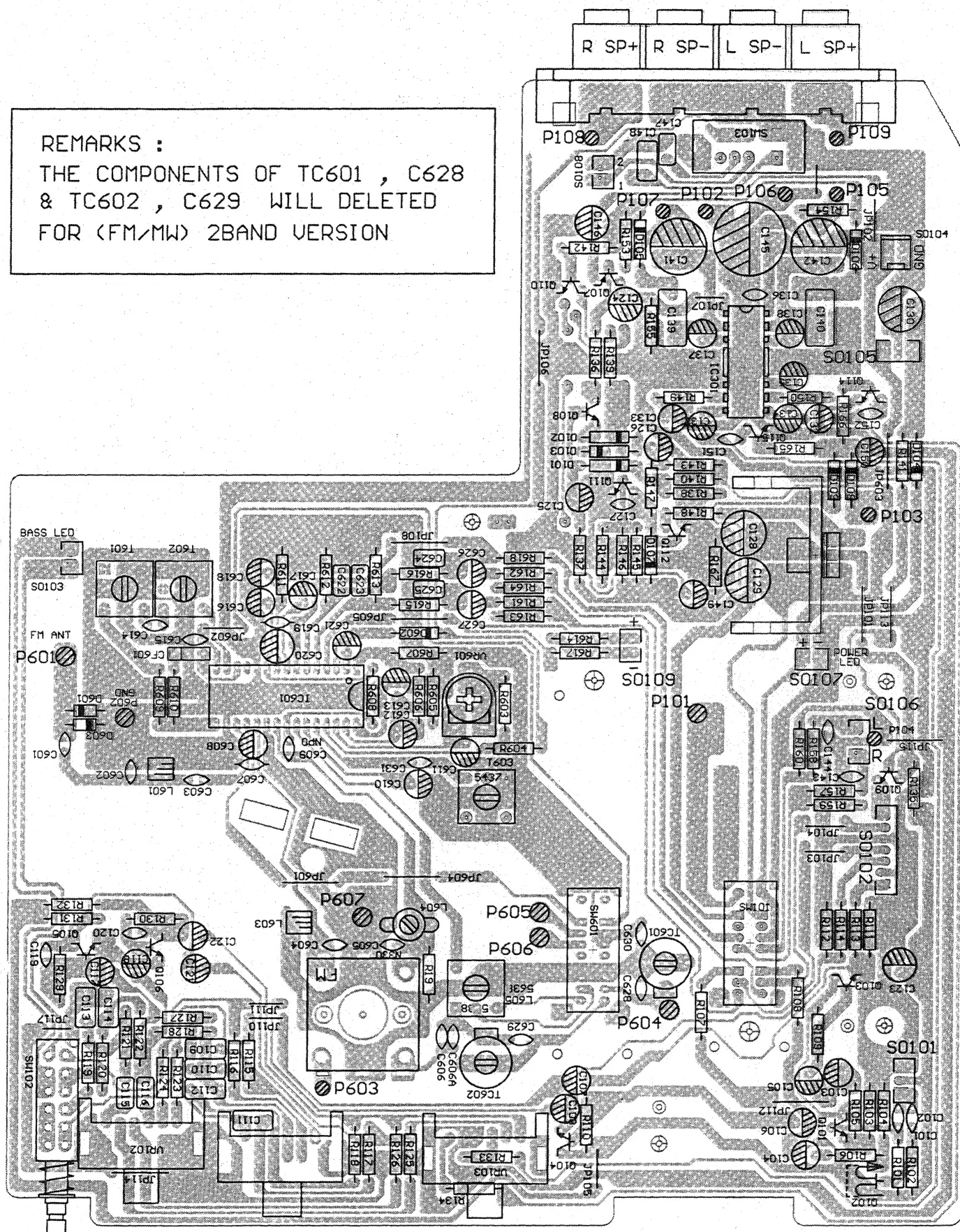
# LC-DISPLAY



- NOTE 1) J1 SHORTS FOR TOP LOADING  
 2) J2 SHORTS FOR TEST MODE  
 3) J3 SHIP/CLC/REV. FUNCTION SELECT (SHORT-INDIVIDUAL, OPEN-COMBINE)  
 4) J4 REPEAT/REPEAT ALL/ SHUFFLE (SHORT-INDIVIDUAL, OPEN-COMBINE)  
 5) J5 PICK-UP TYPE SELECT (A, B)  
 6) J6 LOADING MOTOR SELECT (SHORT-SLOW LOADING MOTOR/OPEN-FAST LOADING MOTOR)

| FILE      | SCHEMATIC DIAGRAM | REV. | DATE | BY | CHK. | DATE | BY | CHK. |
|-----------|-------------------|------|------|----|------|------|----|------|
| 17 Sep 96 |                   |      |      |    |      |      |    |      |

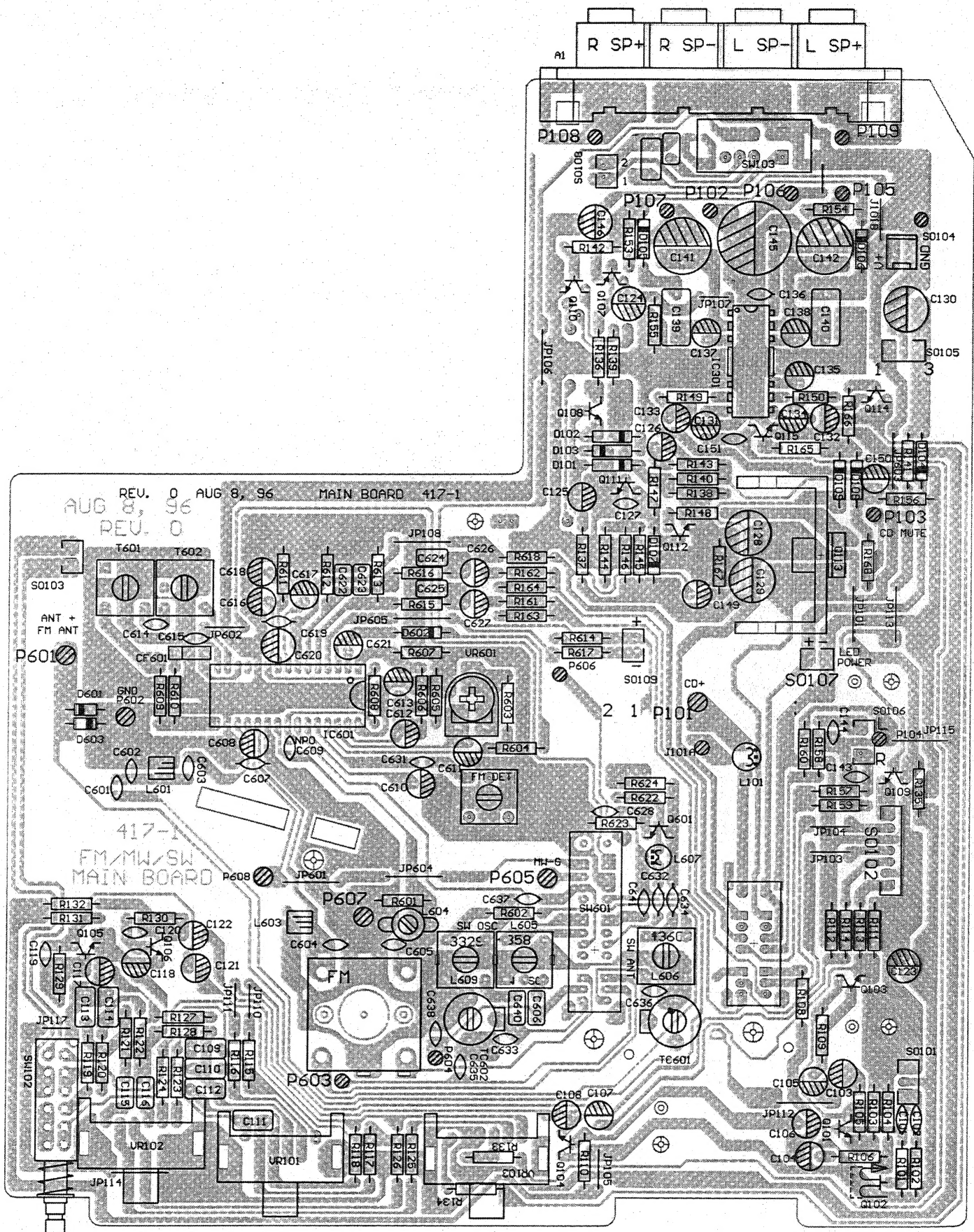
REMARKS :  
THE COMPONENTS OF TC601 , C628  
& TC602 , C629 WILL DELETED  
FOR (FM/MW) 2BAND VERSION



MAIN BOARD

MODEL: PJ-417CD II  
2BAND (FM/MW)  
3BAND (FM/MW/LW)  
20-JUN-1997



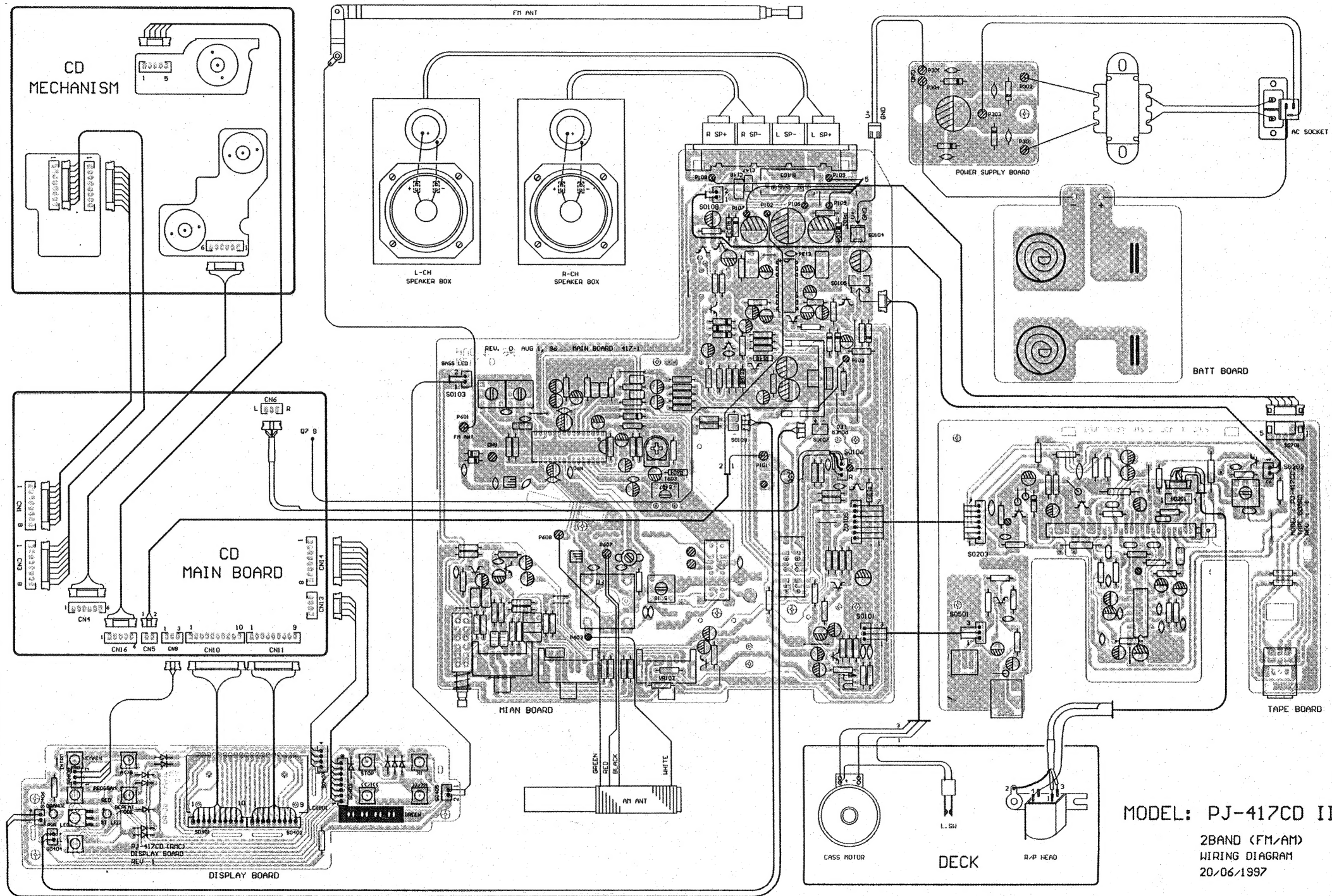


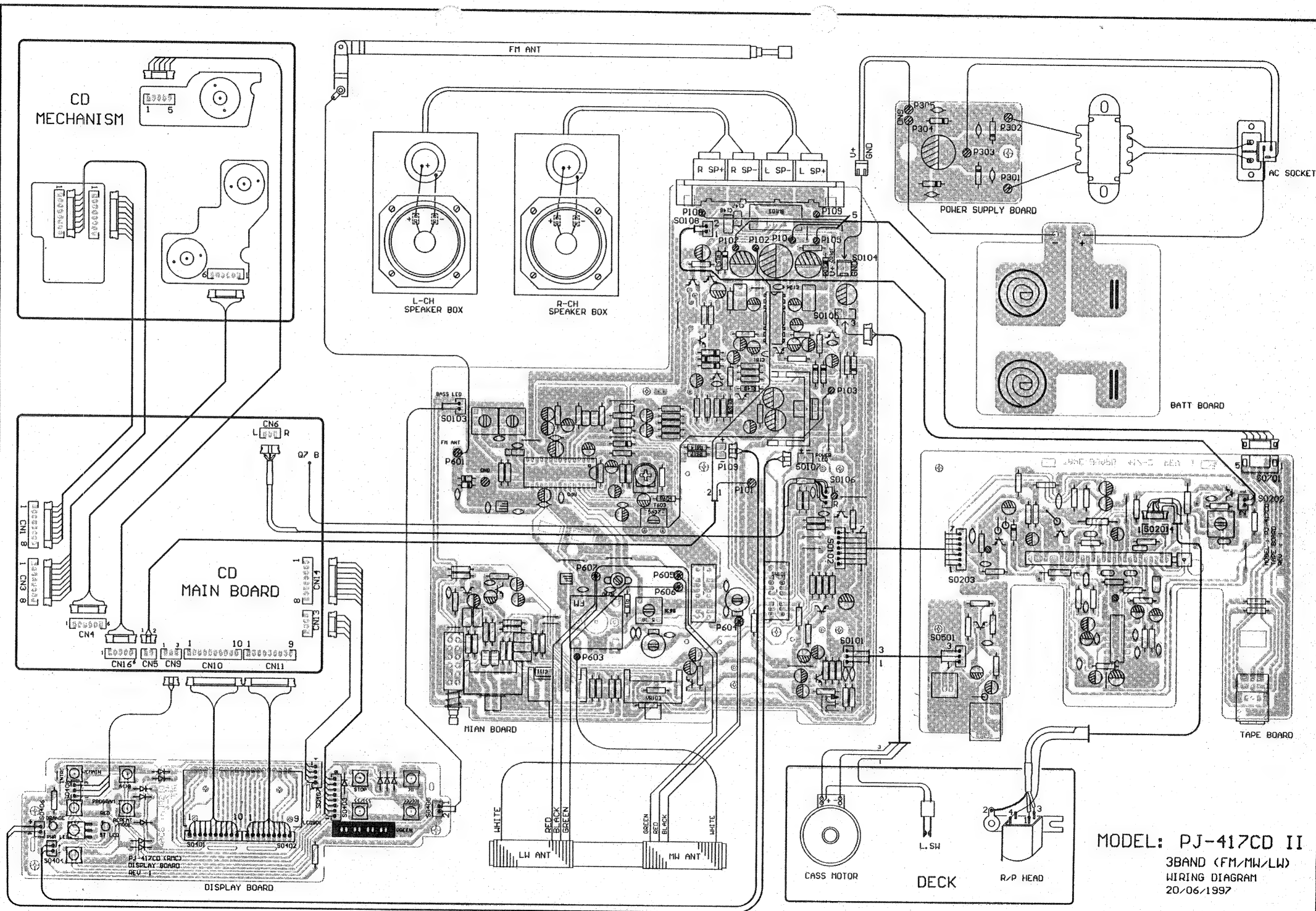
MODEL: PJ-417CD II  
3BAND (FM/MW/SW)

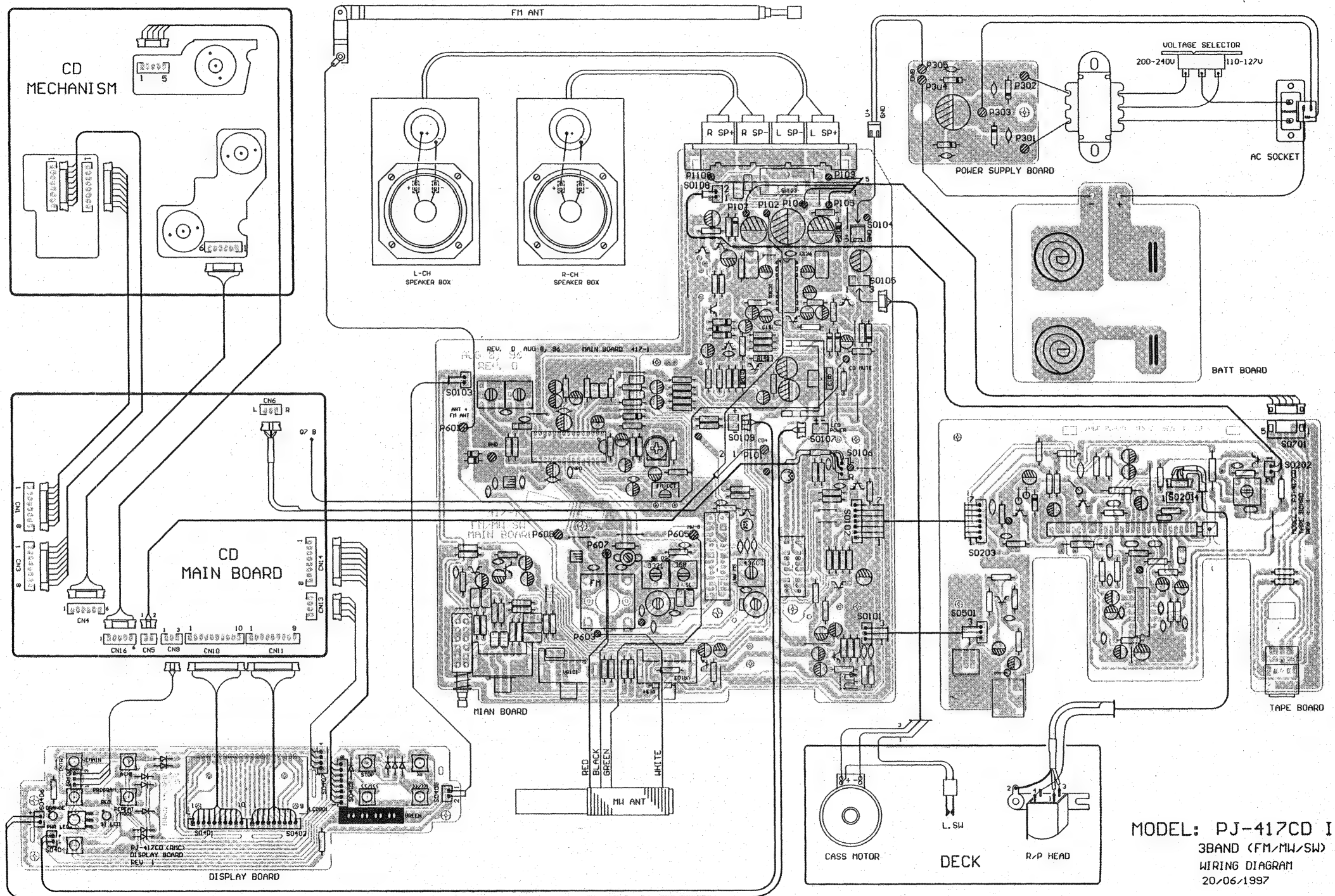
20-JUN-1997













# ALIGNMENT PROCEDURE

**MODEL NO. : AKAI PJ-417CD II "E,V & Y" VERSIONS**

DATE : 23 Jun. 97

## INSTRUMENTS REQUIRED

1. AM Signal Generator
2. FM Signal Generator
3. FM/AM IF Sweep Generator (10.7 MHz for FM)
4. VTVM
5. Oscilloscope
6. Frequency counter
7. Regulated DC power supply

## GENERAL PREPARATION

1. Check source voltage, DC or AC according to specifications
2. Set function switch to band being aligned
3. Signal input should be kept as low as possible to avoid AGC and AFC function
4. Standard modulation :  

AM 1 KHz 30% mod

FM 1 KHz 22.5 KHz dev

## AM IF ALIGNMENT

| STEP | SIGNAL SOURCE ( IF sweep Gen.) CONNECT TO | SET SIGNAL TO | ALIGNMENT INDICATOR (Oscilloscope, VTVM) CONNECT TO | SET RADIO DIAL TO | ADJUST      | ADJUST FOR | REMARKS                         |
|------|---|---------------|---|-------------------|-------------|------------|---------------------------------|
| 1    | A standard radiation loop                 | 465 KHz       | TP (603) Detector output terminal and ground        | Quiet Point       | T601 & T602 | Maximum    | Volume control at min. position |
| 2    | Repeat step 1 for max. output             |               |   |                   |             |            |                                 |

## FM IF ALIGNMENT

| SIGNAL SOURCE ( IF Sweep Gen.) CONNECT TO | SET SIGNAL TO           | ALIGNMENT INDICATOR (Oscilloscope) CONNECT TO  | SET RADIO DIAL TO | ADJUST | ADJUST FOR   | REMARKS                         |
|---|-------------------------|--|-------------------|--------|--|---------------------------------|
| TP (605) & (604)                          | Sweep centered 10.7 MHz | TP ( 603 ) Detector output terminal and ground | Quiet Point       | T603   | Max. output symmetrical response to obtain 'S' curve linearity, with max. output | Volume control at min. position |

# ALIGNMENT PROCEDURE

**MODEL NO. : AKAI PJ-417CD11 "s" VERSIONS**

DATE : 23 Jun. 97

## INSTRUMENTS REQUIRED

1. AM Signal Generator
2. FM Signal Generator
3. FM/AM IF Sweep Generator (10.7 MHz for FM)
4. VTVM
5. Oscilloscope
6. Frequency counter
7. Regulated DC power supply

## GENERAL PREPARATION

1. Check source voltage, DC or AC according to specifications
2. Set function switch to band being aligned
3. Signal input should be kept as low as possible to avoid AGC and AFC function
4. Standard modulation :  

AM 1 KHz 30% mod

FM 1 KHz 22.5 KHz dev

## AM IF ALIGNMENT

| STEP | SIGNAL SOURCE ( IF sweep Gen.) CONNECT TO | SET SIGNAL TO | ALIGNMENT INDICATOR (Oscilloscope, VTVM) CONNECT TO | SET RADIO DIAL TO | ADJUST      | ADJUST FOR | REMARKS                         |
|------|---|---------------|---|-------------------|-------------|------------|---------------------------------|
| 1    | A standard radiation loop                 | 455 KHz       | TP (603) Detector output terminal and ground        | Quiet Point       | T601 & T602 | Maximum    | Volume control at min. position |
| 2    | Repeat step 1 for max. output             |               |   |                   |             |            |                                 |

## FM IF ALIGNMENT

| SIGNAL SOURCE ( IF Sweep Gen.) CONNECT TO | SET SIGNAL TO           | ALIGNMENT INDICATOR (Oscilloscope) CONNECT TO  | SET RADIO DIAL TO | ADJUST | ADJUST FOR   | REMARKS                         |
|---|-------------------------|--|-------------------|--------|--|---------------------------------|
| TP (605) & (604)                          | Sweep centered 10.7 MHz | TP ( 603 ) Detector output terminal and ground | Quiet Point       | T603   | Max. output symmetrical response to obtain 'S' curve linearity, with max. output | Volume control at min. position |



# ALIGNMENT PROCEDURE

DATE : 23 Jun. 97

**MODEL NO.: AKAI PJ-417CD11 FOR "E, V & Y" VERSIONS**

## FM RF ALIGNMENT

| STEP | SIGNAL SOURCE (FM Signal Gen.)<br>CONNECT TO   | SET SIGNAL<br>TO          | ALIGNMENT INDICATOR (Oscilloscope, VTVM)<br>CONNECT TO | SET RADIO<br>DIAL TO | ADJUST                                    | ADJUST<br>FOR | REMARKS                               |
|------|--|---------------------------|--|----------------------|---|---------------|---------------------------------------|
| 1    | TP (601 & 602 )<br>through matching network<br>if necessary                                      | 87.35 MHz<br>(modulated)  | Terminals<br>across speaker<br>voice coil              | (Lowest end)         | L604 (Osc. coil)<br>stretch or<br>squeeze | Maximum       | Volume<br>control at<br>max. position |
| 2    |  | 108.25 MHz<br>(modulated) |  | (Highest end)        | VCT 601 B<br>(Osc. trimmer)               |               |                                       |
| 3    |  | 90 MHz<br>(modulated)     |  | 90 MHz               | L603 (RF coil)<br>stretch or<br>squeeze   |               |                                       |
| 4    |  | 106 MHz<br>(modulated)    |  | 106 MHz              | VCT 601 A<br>(RF trimmer)                 |               |                                       |
| 5    | Repeat steps 3 and 4 as necessary to minimize tracking error and also steps 1 and 2 if necessary |                           |  |                      |   |               |                                       |

## FM MPX ALIGNMENT

| SIGNAL SOURCE | SET SIGNAL<br>TO | ALIGNMENT INDICATOR (Frequency Counter)<br>CONNECT TO   | SET RADIO<br>DIAL TO | ADJUST                         | ADJUST<br>FOR | REMARKS                                     |
|---------------|------------------|---|----------------------|--------------------------------|---------------|---|
| No signal     | Quite point      | IC 601 Pin 4 to ground, Through a resistor<br>(value = 100K or more depends on the<br>sensitivity of the frequency counter) | Quiet<br>point       | VR 601<br>Semi fix<br>resistor | 76 KHz        | IC 601 Pin 1<br>& Pin 29<br>shorted circuit |

## AM RF ALIGNMENT

| STEP | SIGNAL SOURCE (AM Signal Gen.)<br>CONNECT TO   | SET SIGNAL<br>TO        | ALIGNMENT INDICATOR (Oscilloscope, VTVM)<br>CONNECT TO | SET RADIO<br>DIAL TO | ADJUST                      | ADJUST<br>FOR | REMARKS                               |
|------|--|-------------------------|--|----------------------|-----------------------------|---------------|---------------------------------------|
| 1    | A standard radiation<br>loop ant.  | 515 KHz<br>(modulated)  | Across speaker<br>voice coil                           | (Lowest end)         | L605<br>(Osc. coil)         | Maximum       | Volume<br>control at<br>max. position |
| 2    |  | 1630 KHz<br>(modulated) |  | (Highest end)        | VCT 601 C<br>(Osc. trimmer) |               |                                       |
| 3    |  | 600<br>(modulated)      |  | 600 KHz              | L 602<br>(ant. coil)        |               |                                       |
| 4    |  | 1400<br>(modulated)     |  | 1400 KHz             | VCT 601 D<br>(ant. trimmer) |               |                                       |
| 5    | Repeat steps 3 and 4 as necessary to minimize tracking error and also steps 1 and 2 if necessary |                         |  |                      |                             |               |                                       |

## ALIGNMENT PROCEDURE

**MODEL NO. : AKAI PJ-417CD11 FOR "E" VERSION ONLY**

DATE : 23 Jun. 97

### **LW RF ALIGNMENT**

| STEP | SIGNAL SOURCE (LW Signal Gen.)<br>CONNECT TO   | SET SIGNAL<br>TO       | ALIGNMENT INDICATOR (Oscilloscope, VTVM)<br>CONNECT TO | SET RADIO<br>DIAL TO | ADJUST                   | ADJUST FOR | REMARKS                               |
|------|--|------------------------|--|----------------------|--------------------------|------------|---------------------------------------|
| 1    | A standard radiation<br>loop ant.  | 145 KHz<br>(modulated) | Terminals<br>across speaker<br>voice coil              | (Lowest end)         | ( NA )<br>(Osc. coil)    | Maximum    | Volume<br>control at<br>max. position |
| 2    |  | 292 KHz<br>(modulated) |  | (Highest end)        | TC 602<br>(Osc. trimmer) |            |                                       |
| 3    |  | 160 KHz<br>(modulated) |  | 160 KHz              | L 606<br>(ant. coil)     |            |                                       |
| 4    |  | 260 KHz<br>(modulated) |  | 260 HKz              | TC 601<br>(ant. trimmer) |            |                                       |
| 5    | Repeat steps 3 and 4 as necessary to minimize tracking error and also steps 1 and 2 if necessary |                        |  |                      |                          |            |                                       |

**MODEL NO. : AKAI PJ-417CD11 "Y" VERSION ONLY**

### **SW RF ALIGNMENT**

| STEP | SIGNAL SOURCE (SW Signal Gen.)<br>CONNECT TO  | SET SIGNAL<br>TO        | ALIGNMENT INDICATOR (Oscilloscope, VTVM)<br>CONNECT TO | SET RADIO<br>DIAL TO | ADJUST                   | ADJUST FOR | REMARKS                               |
|------|---|-------------------------|--|----------------------|--------------------------|------------|---------------------------------------|
| 1    | TP ( 601 & 602 ) via capacitor of 10 pf.<br>through matching network<br>if necessary  | 5.8 MHz<br>(modulated)  | Terminals<br>across speaker<br>voice coil              | (Lowest end)         | L 609<br>(Osc. coil)     | Maximum    | Volume<br>control at<br>max. position |
| 2    |   | 18.5 MHz<br>(modulated) |  | (Highest end)        | TC 602<br>(Osc. trimmer) |            |                                       |
| 3    |   | 7 MHz<br>(modulated)    |  | 7 MHz                | L 606<br>(Ant. coil)     |            |                                       |
| 4    |   | 17 MHz<br>(modulated)   |  | 17 MHz               | TC 601<br>(Ant. trimmer) |            |                                       |
| 5    | SW band tracking needs precise alignment to achieve best possible sensitivity. So repeat steps 3 and 4 at least 2 times, if necessary also repeat steps 1 and 2 |                         |  |                      |                          |            |                                       |

# ALIGNMENT PROCEDURE

MODEL No. : AKAI PJ-417CD11 FOR ALL VERSIONS

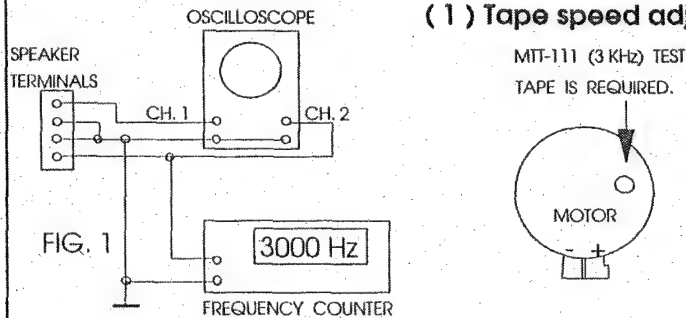
DATE : 23 Jun. 97

**GENERAL PREPARATION** - 1) Check source voltage, DC or AC according to specifications .

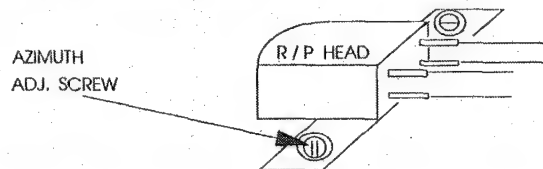
2) Set function switch to Tape being aligned .

## A) MEASURING INSTRUMENTS REQUIRED FOR TAPE SPEED AND HEAD AZIMUTH ADJUSTMENT.

### (1) Tape speed adjust

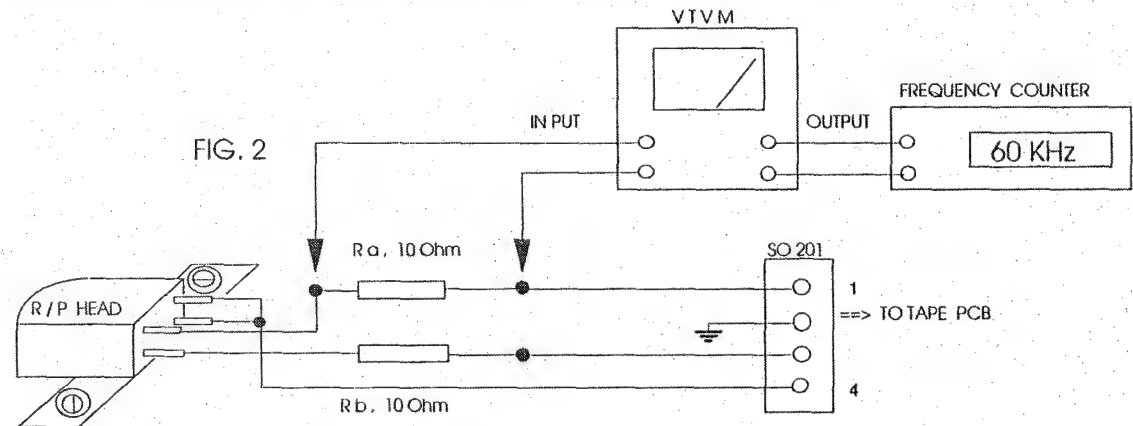


### (2) HEAD AZIMUTH ADJUSTMENT.



- 2.1 - Connect the equipments as shown in the Fig. 1.  
(The Both Speakers loading Are Required)
- 2.2 - Insert a test tape ( 8 KHz : MTT-113CN ) into deck.
- 2.3 - Press PLAY and set VOLUME at reference output.
- 2.4 - Adjust the azimuth adjustment screw for the max.  
& balance ch. output on both ch. of oscilloscope.
- 2.5 - Secure above screw with glue after adj. completed.

## B) EQUIPMENTS REQUESTED FOR AC BIAS FREQUENCY / CURRENT ADJUSTMENT :



### AC BIAS FREQUENCY ALIGNMENT :

Note :The test unit should be keep in recording mode and added two resistors Ra & Rb as shown in the Fig. 2 before alignment. be sure to delete the both resistors Ra & Rb after alignment completed.

| Test Point        | Adjust | Frequency at Beat 0 | Frequency Observe at |                 | Observe |        |        |
|-------------------|--------|---------------------|----------------------|-----------------|---------|--------|--------|
|                   |        |                     | Beat 1               | Beat 2          | Beat 0  | Beat 1 | Beat 2 |
| Resistor Ra or Rb | L 202  | 63 KHz $\pm$ 1K     | 60 KHz $\pm$ 1K      | 54 KHz $\pm$ 1K |         |        |        |
|                   |        |                     |                      |                 |         |        |        |
|                   |        |                     |                      |                 |         |        |        |

# ALIGNMENT PROCEDURE

MODEL NO. : AKAI PJ - 417CD II FOR ALL VERSIONS

DATE : 23 Jun. 97  
REVISION :

## 1) APPLICABLE UNIT :

MODEL PJ - 417CD USING PCB -21-BCMA AS THE CD PCB.  
SERIAL No.                      up to                      (to be advised later).

## 2) INSTRUMENTS REQUIRED :

1. OSCILLOSCOPE (Bandwidth 40 MHz or better).
2. HIGH FREQUENCY COUNTER.
3. REGULATED POWER SUPPLY.
4. DUAL CHANNEL AC MILLIVOLT METER.
5. AUDIO FREQ. SIGNAL GENERATOR.
6. SONY TEST CD TYPE 4 No. YEDS 18.
7. TE and FE TEST BOX (See FIG. 4).

## 3) GENERAL PREPARATIONS :

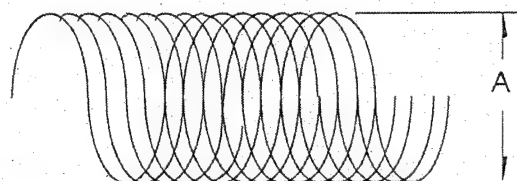
- 3.1 - Connect the CD DRIVE UNIT (KSL -212 BCM) to the connector CN1, CN3, CN4 and CN16 on the PCB -21-BCMA.
- 3.2 - Connect the display & key board to the connector CN9, CN10, CN11, CN13, and CN14 on PCB -21-BCMA.
- 3.3 - Connect a  $8V \pm 0.5V$  DC regulated voltage to CN5 of PCB -21-BCMA.
- 3.4 - Make sure that the negative terminal of the power supply, the GND terminal of AF Signal Generator, the GND terminal of the Dual CH. Millivolt Meter and Oscilloscope are not common, and all these equipments must be using the same phase from the AC mains supply.

## 4) RF LEVEL ADJUSTMENT :

- 4.1 - Connect the probe of the oscilloscope to Test Point RF and the probe's GND to the Test Point VC.
- 4.2 - Insert a SONY test CD YEDS 18 and play the track number 2.
- 4.3 - Adjust the semi-fixed VR 1 on PCB -21-BCMA to optimize the RF waveform until maximum amplitude and clearest waveform is obtained.
- 4.4 - Remove the Test Probe of the Oscilloscope when alignment of RF has completed.

After adjusted  $A = 1.0V \pm 0.2V$  p - p .

FIG. 1



## 5) EF BALANCE (IT IS AUTO - ALIGNMENT, THE FOLLOWING STEPS ARE ONLY FOR YOUR MONITORING IF NECESSARY) :

- 5.1 - Pre-set the BEAM of the Oscilloscope to the center of the screen and set the input coupling to DC position.
- 5.2 - Connect the probe of the Oscilloscope to Test Point TE and the probe's GND to Test Point VC. Then play a SONY test CD YEDS 18.
- 5.3 - Observe the pattern on the oscilloscope while pressing the control >> or << key.
- 5.4 - The symmetrical wave height (A almost equal B) as shown in FIG. 2.
- 5.5 - Remove the Test Probe of the Oscilloscope after completed this item.

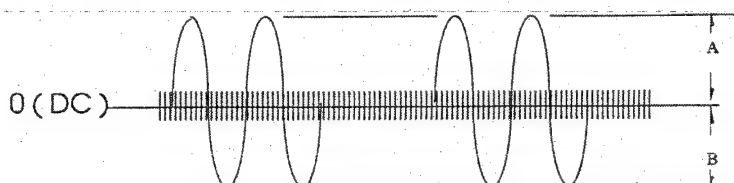


FIG. 2

## ALIGNMENT PROCEDURE

MODEL NO.: AKAI PJ - 417CD II FOR ALL VERSIONS

DATE : 23 Jun. 97  
REVISION :

### 6) FE FOCUS SERVO GAIN ADJUSTMENT :

- 6.1 - Set the output of the AF Signal Generator to 1KHz, 50 mV (RMS).
- 6.2 - Set the Dual Channel AC Millivolt Meter to the range of 100 mV full scale.
- 6.3 - Connect the Dual Channel AC Millivolt Meter and the AF Signal Generator to the TE and FE TEST BOX.
- 6.4 - Take off the shorting plug in connector CN2, the complete test circuit is as shown in FIG. 4.
- 6.5 - Insert a SONY test CD YEDS 18. And set the switch of TEST BOX to "FE" position.
- 6.6 - When the disk is in STOP mode, the reading of the dual channel AC Millivolt Meter should be around 50 mV at CH. 1 and around 2.8 mV at CH. 2.
- 6.7 - Play the track number 2 of the test CD, CH. 1 of the Millivolt Meter should give a reading large than in STOP mode.
- 6.8 - Adjust **VR 2** on the PCB-21-BCMA until the reading of CH. 2 is 0.6 to 1 db higher than the reading of CH.1 as shown in FIG. 3.
- 6.9 - Remove the 4 pin plug of TEST BOX from CN 2 on PCB-21 - BCMA and replace the original shorting plug. The PCB-21 - BCMA is adjustment completed.

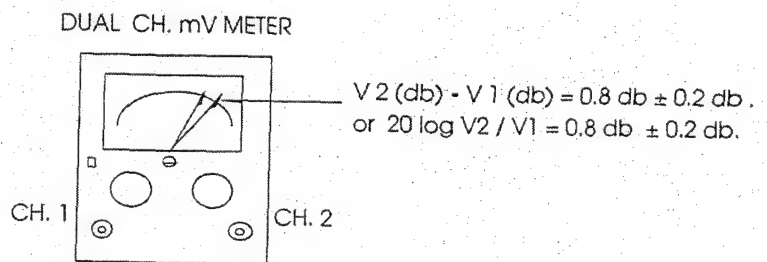


FIG. 3

### 7) TE TRACKING SERVO GAIN : (IT IS ALSO AUTO - ALIGNMENT).



# ALIGNMENT PROCEDURE

MODEL NO.: AKAI PJ - 417CD11 FOR ALL VERSIONS

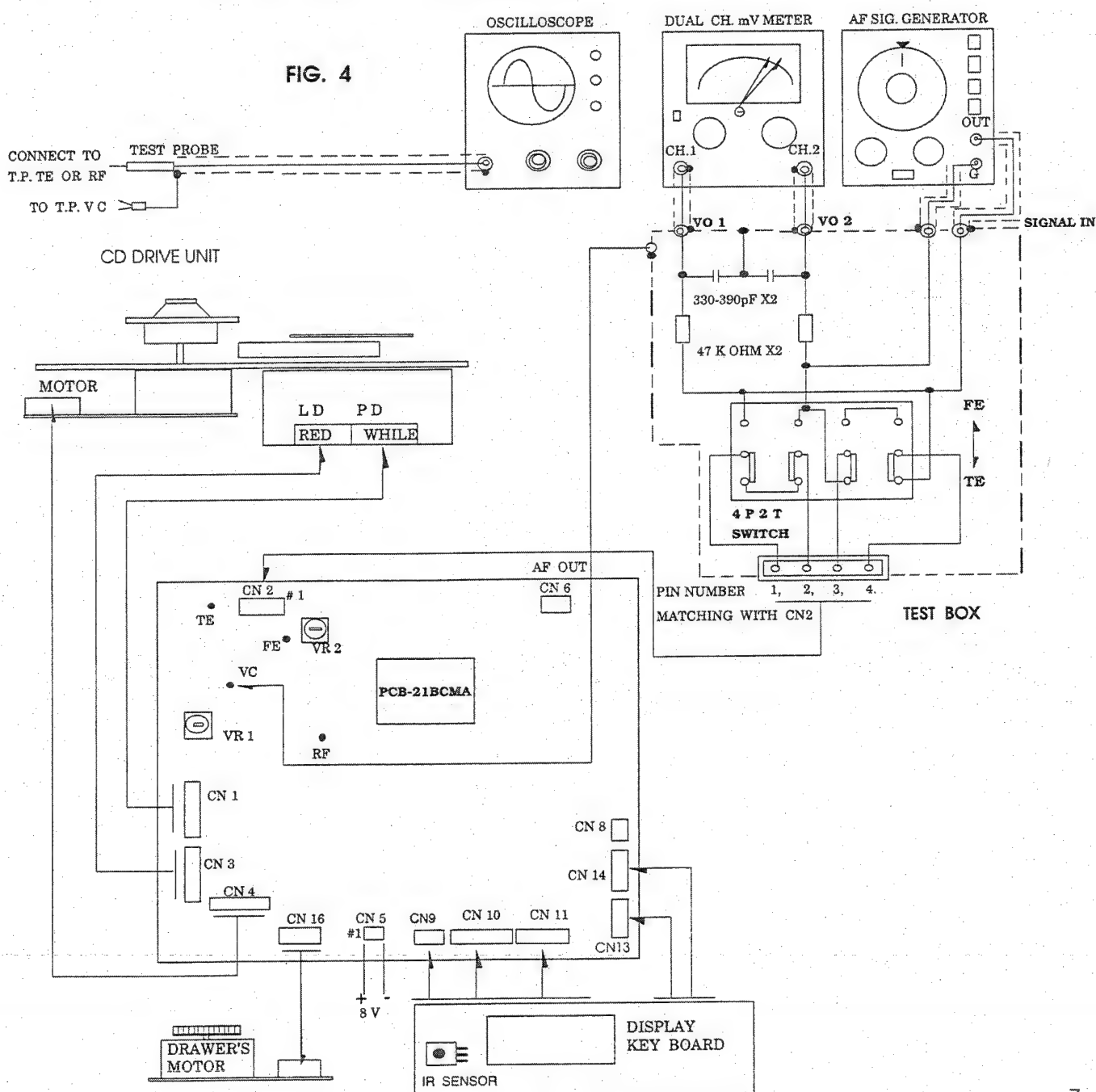
DATE : 23 Jun. 97

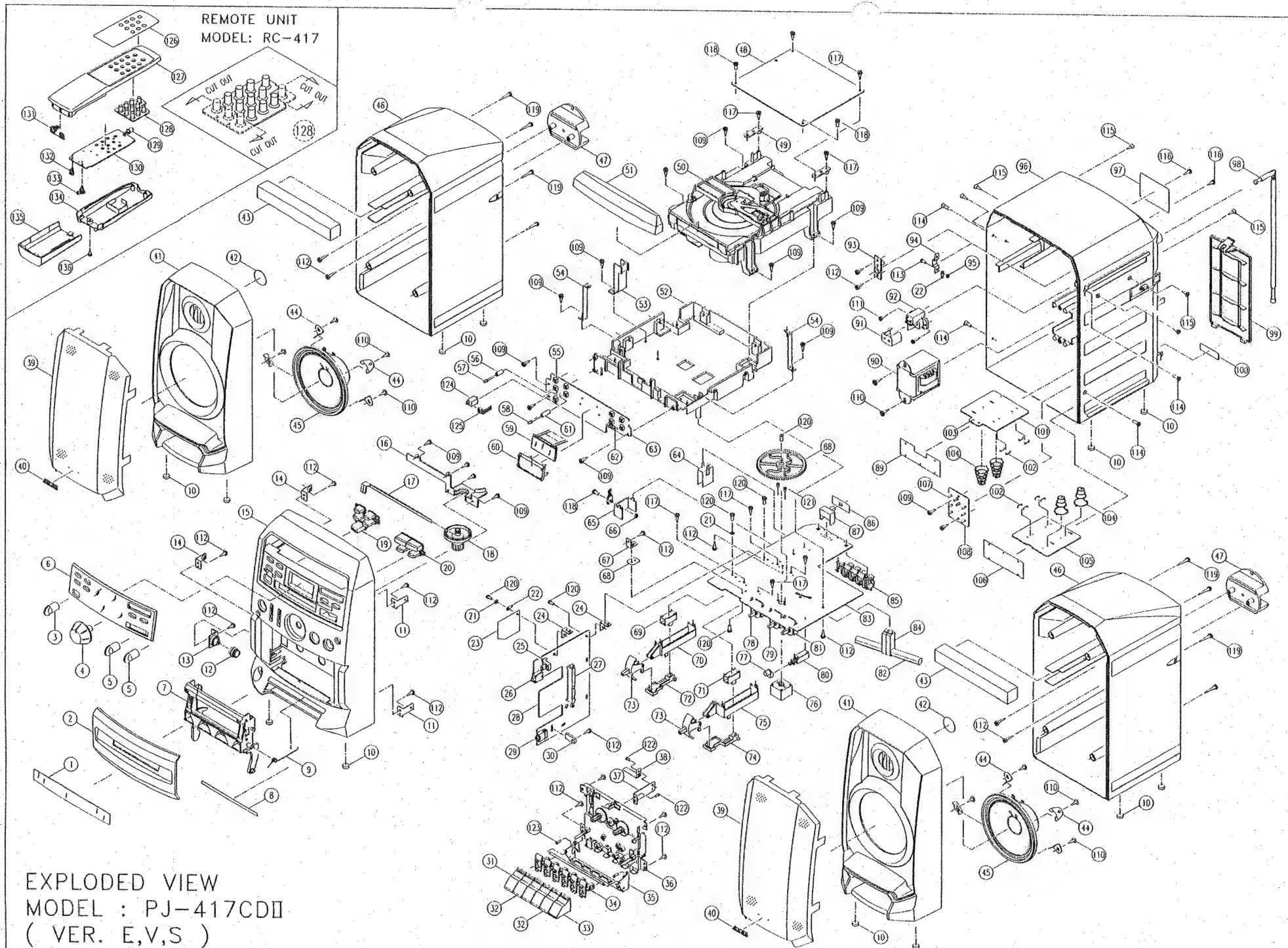
REVISION :

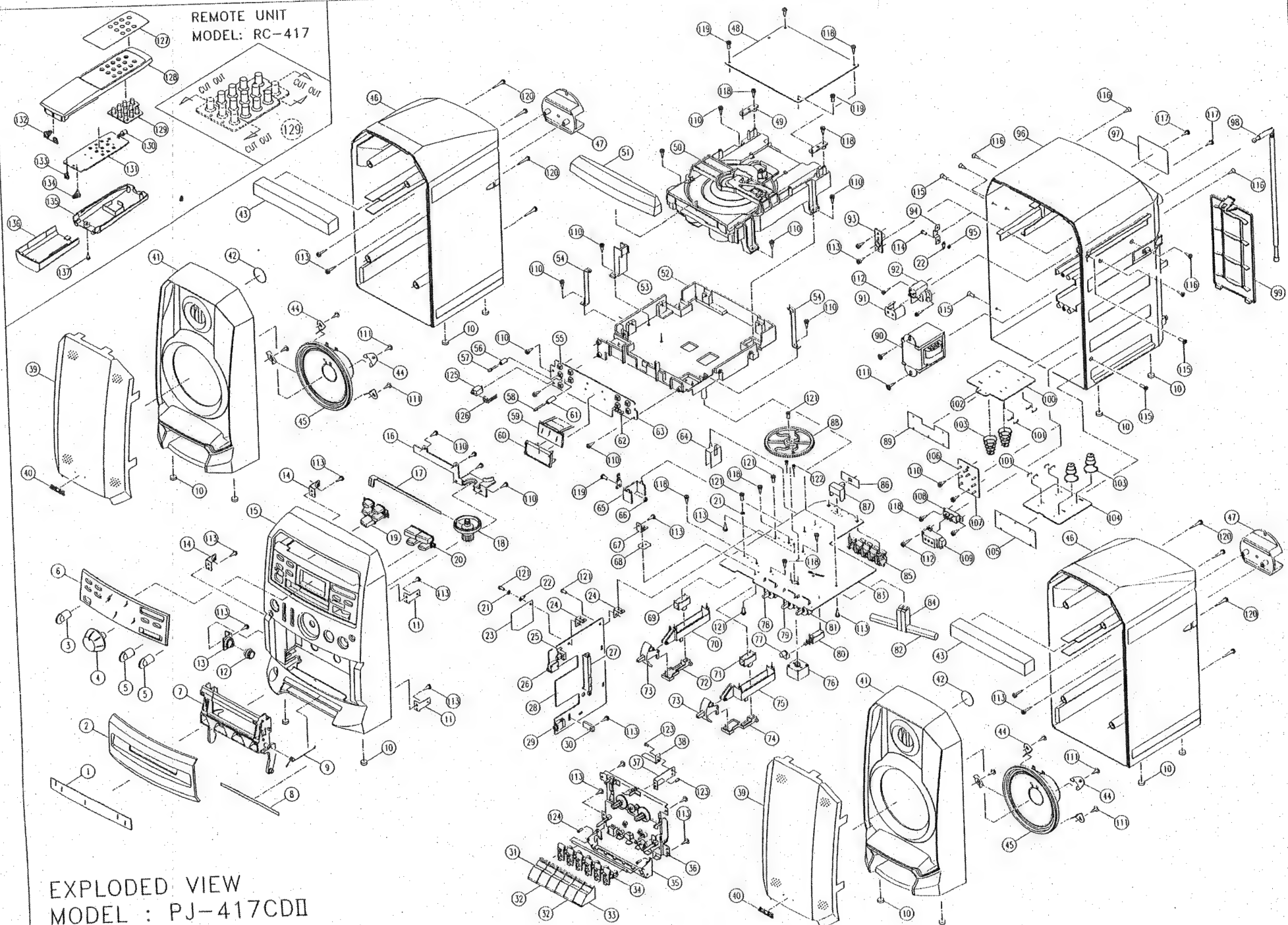
The complete test circuit is as shown in FIG. 4.

Note: The shielding cable between the TEST BOX, the Millivolt Meter and the AF Signal Generator should be as short as possible.

The values of the two resistors & capacitors of the Test Box must be identical.







| NO. | DESCRIPTION                         |
|-----|-------------------------------------|
| 1.  | CASSETTE DOOR LENS                  |
| 2.  | CASSETTE DOOR                       |
| 3.  | ROTARY KNOB - MIC MIXING            |
| 4.  | VOLUME KNOB                         |
| 5.  | ROTARY KNOB - BASS/TREBLE           |
| 6.  | DIAL LENS                           |
| 7.  | CASSETTE DOOR BRACKET               |
| 8.  | FUNCTION INLAY                      |
| 9.  | CASSETTE DOOR SPRING                |
| 10. | RUBBER FOOT                         |
| 11. | CABINET MOUNTING BRACKET - RIGHT    |
| 12. | PINION                              |
| 13. | HOUSING - PINION                    |
| 14. | CABINET MOUNTING BRACKET - LEFT     |
| 15. | FRONT PANEL                         |
| 16. | TUNING BRACKET                      |
| 17. | POINTER                             |
| 18. | TUNING KNOB                         |
| 19. | CD CONTROL KNOB ( A )               |
| 20. | CD CONTROL KNOB ( B )               |
| 21. | INTERNAL TOOTH WASHER - M 2.6       |
| 22. | SOLDER LUG                          |
| 23. | SHIELDING PAPER                     |
| 24. | DECK PCB MOUNTING BRACKET           |
| 25. | VARIABLE RESISTANCE - MIC MIXING    |
| 26. | JACK - MIC                          |
| 27. | PUSH SWITCH - RECORDING             |
| 28. | TAPE P.C BOARD                      |
| 29. | JACK - PHONE                        |
| 30. | STOPPER - JACK                      |
| 31. | CASSETTE KNOB - " A "               |
| 32. | CASSETTE KNOB - " B "               |
| 33. | CASSETTE KNOB - " C "               |
| 34. | CASSETTE ADAPTOR - CASSETTE KNOB    |
| 35. | MOUNTING BRACKET - CASSETTE ADAPTOR |
| 36. | DECK MECHANISM                      |
| 37. | RECORDING BRACKET                   |
| 38. | RECORDING SPRING PLATE              |
| 39. | SPEAKER GRILLE                      |
| 40. | AKAI LOGO BADGE                     |

| NO. | DESCRIPTION                      |
|-----|----------------------------------|
| 41. | SPEAKER PANEL                    |
| 42. | BUZZER                           |
| 43. | WOOD PIECE                       |
| 44. | SPEAKER CLIP                     |
| 45. | SPEAKER                          |
| 46. | SPEAKER BACK CABINET             |
| 47. | SPEAKER BACK COVER               |
| 48. | PCB ASSY FOR CD                  |
| 49. | CD P.C.B. MOUNTING ( A )         |
| 50. | CD MECHANISM                     |
| 51. | CD DOOR COVER                    |
| 52. | CD BRACKET                       |
| 53. | CD WIRE HOLDER                   |
| 54. | CD P.C.B. MOUNTING BRACKET ( B ) |
| 55. | TACT SWITCH                      |
| 56. | LED HOLDER - OPE./BATT.          |
| 57. | L.E.D. - ORANGE                  |
| 58. | L.E.D. - RED                     |
| 59. | LCD DISPLAY FOR CD               |
| 60. | LCD BRACKET                      |
| 61. | L.E.D. HOLDER - FM STEREO        |
| 62. | L.E.D. - GREEN                   |
| 63. | DISPLAY P.C.B.                   |
| 64. | HEAT SINK - I.C.                 |
| 65. | HEAT SINK - TRANSISTOR           |
| 66. | NUT - M3                         |
| 67. | MAIN BOARD MOUNTING BRACKET      |
| 68. | DIAL BRACKET COVER - SHORT       |
| 69. | SLIDE SWITCH - FUNCTION          |
| 70. | FUNCTION KNOB BRACKET            |
| 71. | SLIDE SWITCH - BAND              |
| 72. | FUNCTION KNOB ADAPTOR            |
| 73. | FUNCTION KNOB/BAND KNOB          |
| 74. | BAND KNOB ADAPTOR                |
| 75. | BAND KNOB BRACKET                |
| 76. | PVC                              |
| 77. | SUPER BASS KNOB                  |
| 78. | VARIABLE RESISTANCE - VOLUME     |
| 79. | VARIABLE RESISTANCE - BASS       |
| 80. | PUSH SWITCH - SUPER BASS         |

| NO.  | DESCRIPTION                   |
|------|-------------------------------|
| 81.  | VARIABLE RESISTANCE - TREBLE  |
| 82.  | FERRITE BAR                   |
| 83.  | MAIN BOARD                    |
| 84.  | BAR HOLDER                    |
| 85.  | SPEAKER PUSH TERMINAL         |
| 86.  | SLIDE SWITCH PLATE            |
| 87.  | SLIDE SWITCH - BEAT CUT       |
| 88.  | DIAL DRUM                     |
| 89.  | BATTERY COVER - " A "         |
| 90.  | TRANSFORMER                   |
| 91.  | AC SOCKET COVER               |
| 92.  | AC SOCKET                     |
| 93.  | ANTENNA MOUNTING BRACKET      |
| 94.  | ANTENNA MOUNTING PLATE        |
| 95.  | NUT - M 2.6                   |
| 96.  | BACK CABINET                  |
| 97.  | BACK PLATE                    |
| 98.  | ROD ANTENNA                   |
| 99.  | BATTERY DOOR                  |
| 100. | VOLTAGE SWITCH HOLE COVER     |
| 101. | BATTERY P.C.B. - " A "        |
| 102. | PCB MOUNT +VE WIRE            |
| 103. | EYELET - BATTERY P.C.B. " A " |
| 104. | PCB MOUNT SPRING              |
| 105. | BATTERY P.C.B. - " B "        |
| 106. | BATTERY COVER - " B "         |
| 107. | EYELET - RECTIFIER BOARD      |
| 108. | RECTIFIER BOARD               |
| 109. | 3 X 8 ST/BH                   |
| 110. | 3 X 10 ST/WH                  |
| 111. | 3 X 10 ST/PH                  |
| 112. | 3 X 10 ST/BH                  |
| 113. | M 2.6 X 4 PH                  |
| 114. | M 3 X 8 KH - BLACK            |
| 115. | 3 X 10 ST/KH - BLACK          |
| 116. | 3 X 10 ST/BH - BLACK          |
| 117. | 3 X 8 ST/PH                   |
| 118. | M 3 X 8 BH                    |
| 119. | 3 X 16 ST/BH                  |
| 120. | M 2.6 X 5 BH                  |

| NO.  | DESCRIPTION          |
|------|----------------------|
| 121. | M 2.6 X 4 KH         |
| 122. | M 2 X 3 PH/TITE      |
| 123. | M 2 X 7 PH/TITE      |
| 124. | REMOTE SENSOR HOLDER |
| 125. | REMOTE SENSOR        |

#### REMOTE UNIT

|      |                                |
|------|--------------------------------|
| 126. | REMOTE INLAY                   |
| 127. | FRONT CABINET - REMOTE         |
| 128. | RUBBER PAD - REMOTE            |
| 129. | IR EMITTER                     |
| 130. | MAIN P.C.B. - REMOTE           |
| 131. | REMOTE BATTERY SPRING - COMMON |
| 132. | REMOTE BATTERY SPRING - { + }  |
| 133. | REMOTE BATTERY SPRING - { - }  |
| 134. | BACK CABINET - REMOTE          |
| 135. | BATTERY DOOR - REMOTE          |
| 136. | 2.6 X 6 ST/PH                  |

LIST OF EXPLODED VIEW  
MODEL : PJ-417CDII  
( VER. E,V,S )

| NO. | DESCRIPTION                         |
|-----|-------------------------------------|
| 1.  | CASSETTE DOOR LENS                  |
| 2.  | CASSETTE DOOR                       |
| 3.  | ROTARY KNOB - MIC MIXING            |
| 4.  | VOLUME KNOB                         |
| 5.  | ROTARY KNOB - BASS/TREBLE           |
| 6.  | DIAL LENS                           |
| 7.  | CASSETTE DOOR BRACKET               |
| 8.  | FUNCTION INLAY                      |
| 9.  | CASSETTE DOOR SPRING                |
| 10. | RUBBER FOOT                         |
| 11. | CABINET MOUNTING BRACKET - RIGHT    |
| 12. | PINION                              |
| 13. | HOUSING - PINION                    |
| 14. | CABINET MOUNTING BRACKET - LEFT     |
| 15. | FRONT PANEL                         |
| 16. | TUNING BRACKET                      |
| 17. | POINTER                             |
| 18. | TUNING KNOB                         |
| 19. | CD CONTROL KNOB ( A )               |
| 20. | CD CONTROL KNOB ( B )               |
| 21. | INTERNAL TOOTH WASHER - M 2.6       |
| 22. | SOLDER LUG                          |
| 23. | SHIELDING PAPER                     |
| 24. | DECK PCB MOUNTING BRACKET           |
| 25. | VARIABLE RESISTANCE - MIC MIXING    |
| 26. | JACK - MIC                          |
| 27. | PUSH SWITCH - RECORDING             |
| 28. | TAPE P.C BOARD                      |
| 29. | JACK - PHONE                        |
| 30. | STOPPER - JACK                      |
| 31. | CASSETTE KNOB - " A "               |
| 32. | CASSETTE KNOB - " B "               |
| 33. | CASSETTE KNOB - " C "               |
| 34. | CASSETTE ADAPTOR - CASSETTE KNOB    |
| 35. | MOUNTING BRACKET - CASSETTE ADAPTOR |
| 36. | DECK MECHANISM                      |
| 37. | RECORDING BRACKET                   |
| 38. | RECORDING SPRING PLATE              |
| 39. | SPEAKER GRILLE                      |
| 40. | AKAI LOGO BADGE                     |

| NO. | DESCRIPTION                      |
|-----|----------------------------------|
| 41. | SPEAKER PANEL                    |
| 42. | BUZZER                           |
| 43. | WOOD PIECE                       |
| 44. | SPEAKER CLIP                     |
| 45. | SPEAKER                          |
| 46. | SPEAKER BACK CABINET             |
| 47. | SPEAKER BACK COVER               |
| 48. | PCB ASSY FOR CD                  |
| 49. | CD P.C.B. MOUNTING ( A )         |
| 50. | CD MECHANISM                     |
| 51. | CD DOOR COVER                    |
| 52. | CD BRACKET                       |
| 53. | CD WIRE HOLDER                   |
| 54. | CD P.C.B. MOUNTING BRACKET ( B ) |
| 55. | TACT SWITCH                      |
| 56. | LED HOLDER - OPE./BATT.          |
| 57. | L.E.D. - ORANGE                  |
| 58. | L.E.D. - RED                     |
| 59. | LCD DISPLAY FOR CD               |
| 60. | LCD BRACKET                      |
| 61. | L.E.D. HOLDER - FM STEREO        |
| 62. | L.E.D. - GREEN                   |
| 63. | DISPLAY P.C.B.                   |
| 64. | HEAT SINK - I.C.                 |
| 65. | HEAT SINK - TRANSISTOR           |
| 66. | NUT - M3                         |
| 67. | MAIN BOARD MOUNTING BRACKET      |
| 68. | IDIAL BRACKET COVER - SHORT      |
| 69. | SLIDE SWITCH - FUNCTION          |
| 70. | FUNCTION KNOB BRACKET            |
| 71. | SLIDE SWITCH - BAND              |
| 72. | FUNCTION KNOB ADAPTOR            |
| 73. | FUNCTION KNOB/BAND KNOB          |
| 74. | BAND KNOB ADAPTOR                |
| 75. | BAND KNOB BRACKET                |
| 76. | PVC                              |
| 77. | SUPER BASS KNOB                  |
| 78. | VARIABLE RESISTANCE - VOLUME     |
| 79. | VARIABLE RESISTANCE - BASS       |
| 80. | PUSH SWITCH - SUPER BASS         |

| NO.  | DESCRIPTION                   |
|------|-------------------------------|
| 81.  | VARIABLE RESISTANCE - TREBLE  |
| 82.  | FERRITE BAR                   |
| 83.  | MAIN BOARD                    |
| 84.  | BAR HOLDER                    |
| 85.  | SPEAKER PUSH TERMINAL         |
| 86.  | SLIDE SWITCH PLATE            |
| 87.  | SLIDE SWITCH - BEAT CUT       |
| 88.  | DIAL DRUM                     |
| 89.  | BATTERY COVER - " A "         |
| 90.  | TRANSFORMER                   |
| 91.  | AC SOCKET COVER               |
| 92.  | AC SOCKET                     |
| 93.  | ANTENNA MOUNTING BRACKET      |
| 94.  | ANTENNA MOUNTING PLATE        |
| 95.  | NUT - M 2.6                   |
| 96.  | BACK CABINET                  |
| 97.  | BACK PLATE                    |
| 98.  | ROD ANTENNA                   |
| 99.  | BATTERY DOOR                  |
| 100. | BATTERY P.C.B. - " A "        |
| 101. | PCB MOUNT +VE WIRE            |
| 102. | EYELET - BATTERY P.C.B. " A " |
| 103. | PCB MOUNT SPRING              |
| 104. | BATTERY P.C.B. - " B "        |
| 105. | BATTERY COVER - " B "         |
| 106. | EYELET - RECTIFIER BOARD      |
| 107. | RECTIFIER BOARD               |
| 108. | VOLTAGER SELECTOR             |
| 109. | COVER - VOLTAGER SELECTOR     |
| 110. | 3 X 8 ST/BH                   |
| 111. | 3 X 10 ST/WH                  |
| 112. | 3 X 10 ST/PH                  |
| 113. | 3 X 10 ST/BH                  |
| 114. | M 2.6 X 4 PH                  |
| 115. | M 3 X 8 KH - BLACK            |
| 116. | 3 X 10 ST/KH - BLACK          |
| 117. | 3 X 10 ST/BH - BLACK          |
| 118. | 3 X 8 ST/PH                   |
| 119. | M 3 X 8 BH                    |
| 120. | 3 X 16 ST/BH                  |

| NO.  | DESCRIPTION          |
|------|----------------------|
| 121. | M 2.6 X 5 BH         |
| 122. | M 2.6 X 4 KH         |
| 123. | M 2 X 3 PH/TITE      |
| 124. | M 2 X 7 PH/TITE      |
| 125. | REMOTE SENSOR HOLDER |
| 126. | REMOTE SENSOR        |

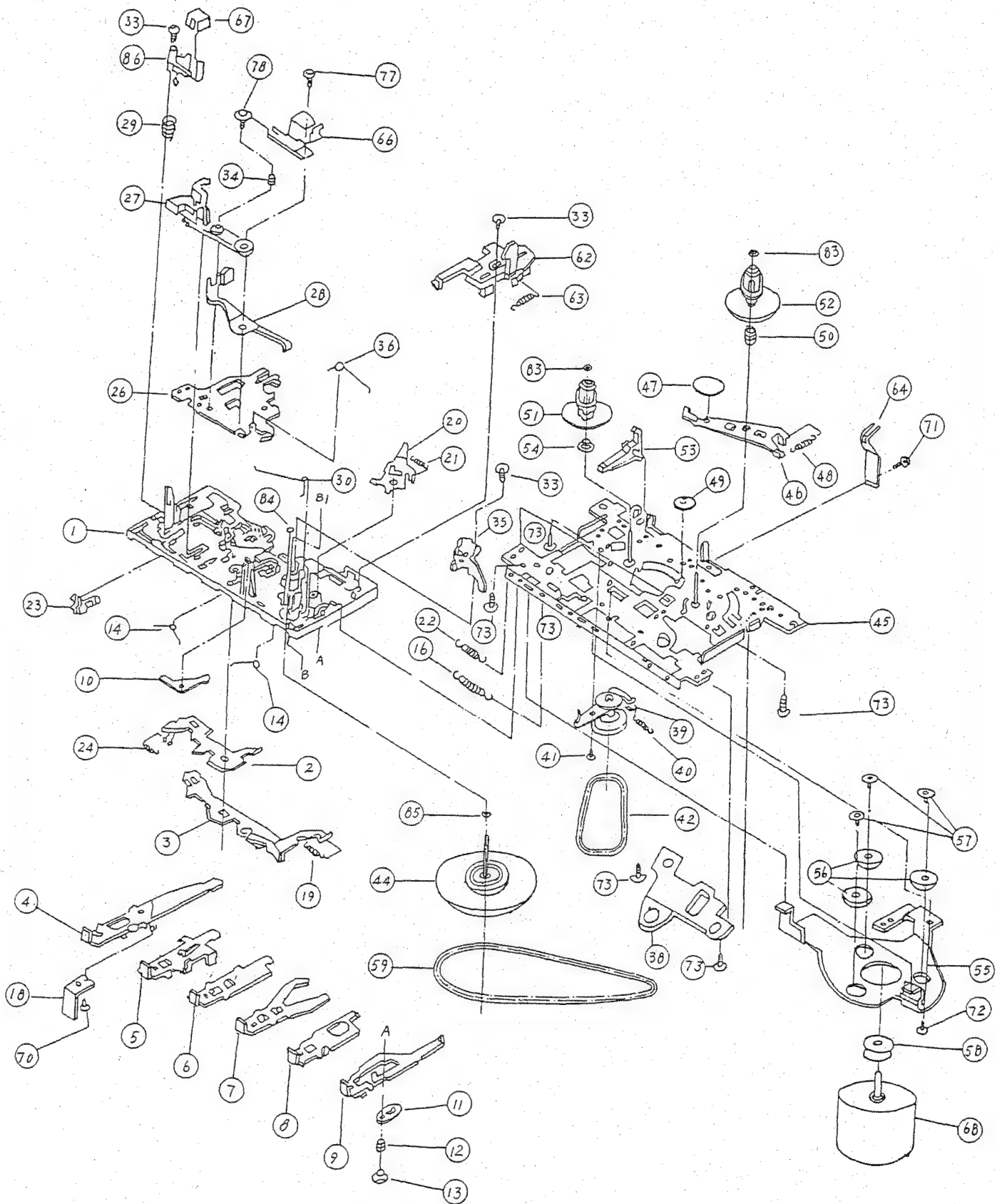
#### REMOTE UNIT

|      |                                |
|------|--------------------------------|
| 127. | REMOTE INLAY                   |
| 128. | FRONT CABINET - REMOTE         |
| 129. | RUBBER PAD - REMOTE            |
| 130. | IR EMITTER                     |
| 131. | MAIN P.C.B. - REMOTE           |
| 132. | REMOTE BATTERY SPRING - COMMON |
| 133. | REMOTE BATTERY SPRING - { + }  |
| 134. | REMOTE BATTERY SPRING - { - }  |
| 135. | BACK CABINET - REMOTE          |
| 136. | BATTERY DOOR - REMOTE          |
| 137. | 2.6 X 6 ST/PH                  |

LIST OF EXPLODED VIEW  
MODEL : PJ-417CDII  
( VER. Y1 )



# MODEL : PJ - 417 CD , PJ - 217



|            |    |     |    |
|------------|----|-----|----|
| FH-21 FD-2 |    | 分解图 |    |
| 设计         | 审核 | 制图  | 校对 |
| 日期         | 日期 | 日期  | 日期 |
| 比例         | 比例 | 比例  | 比例 |
| 材料         | 材料 | 材料  | 材料 |
| 数量         | 数量 | 数量  | 数量 |
| 备注         | 备注 | 备注  | 备注 |

## FH-21FD-2

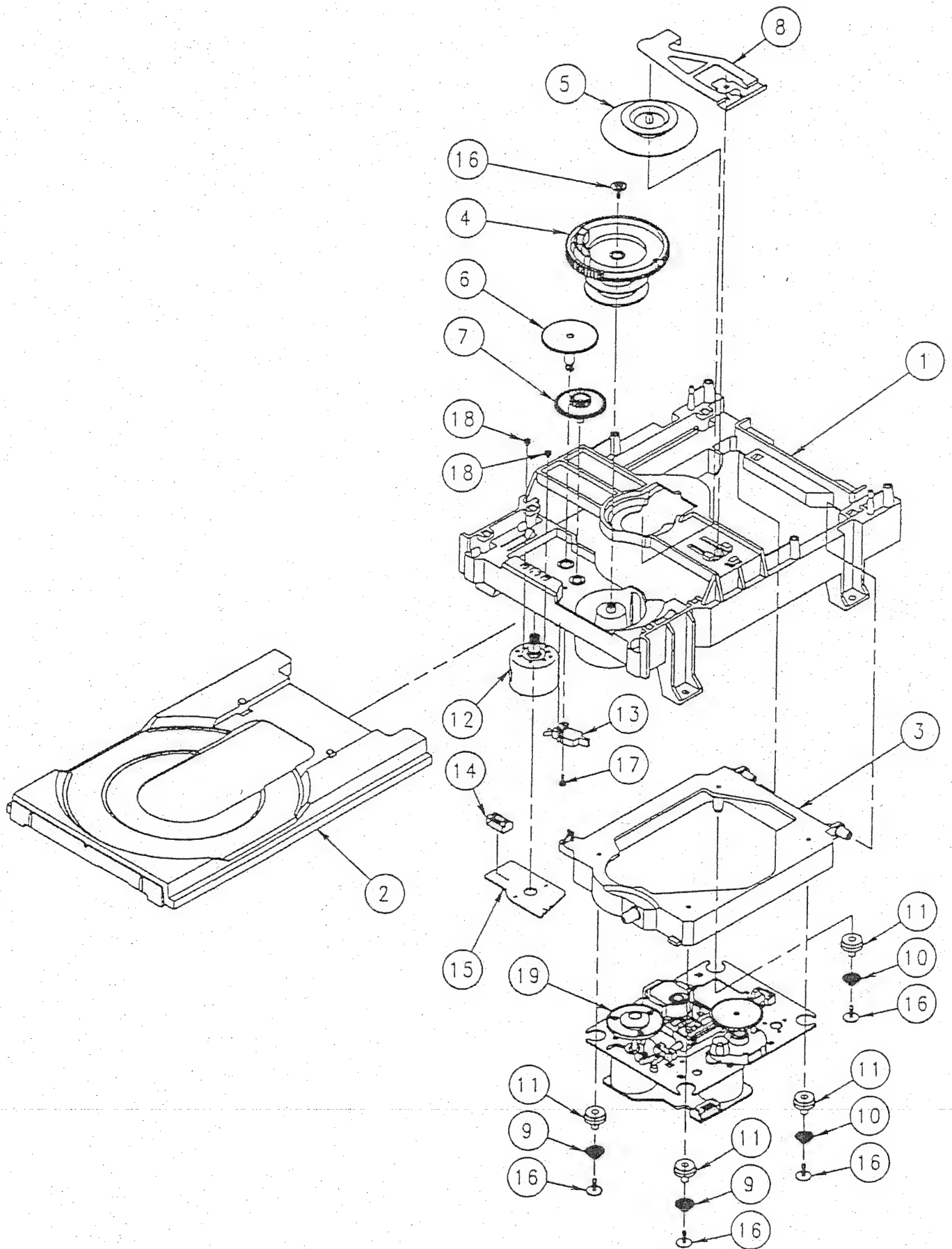
| MODEL : DECK MECHANISM FOR AKAI PJ-417CD (FH-21FD-2) |              |                                |     |
|--|--------------|--------------------------------|-----|
| DATE : 5.11.1996                                     |              |                                |     |
| PART LIST  |              |                                |     |
| EXP. NO.   | PART NO.     | PARTICULAR                     | QTY |
| 1  | FSB6.123.002 | MAIN BASE ASS'Y Q              | 1   |
| 2  | FSB8.366.006 | SWITCH PLATE                   | 1   |
| 3  | FSB6.278.002 | PUSH BUTTON ACTUATOR ASS'Y     | 1   |
| 4  | FSB8.352.017 | REC BUTTON LEVER               | 1   |
| 5  | FSB8.352.018 | PLAY BUTTON LEVER              | 1   |
| 6  | FSB8.352.019 | RWD BUTTON LEVER               | 1   |
| 7  | FSB8.352.020 | FF BUTTON LEVER                | 1   |
| 8  | FSB8.352.021 | STOP BUTTON LEVER              | 1   |
| 9  | FSB6.366.001 | PAUSE BUTTON LEVER ASS'Y       | 1   |
| 10   | FSB8.350.015 | RWD LEVER                      | 1   |
| 11   | FSB8.360.001 | PAUSE LEVER A                  | 1   |
| 12   | FSB8.382.020 | PAUSE LEVER SPRING             | 1   |
| 13   | FSB8.230.018 | PAUSE STOPPER                  | 1   |
| 14   | FSB8.383.016 | PAUSE/STOP BUTTON LEVER SPRING | 1   |
| 14   | FSB8.383.017 | F.F/RWD BUTTON LEVER SPRING    | 1   |
| 16   | FSB8.381.010 | PLAY BUTTON LEVER SPRING       | 1   |
| 17   |              |                                |     |
| 18   | FSB8.387.015 | REC SPRING PLATE               | 1   |
| 19   | FSB8.381.011 | ACTUATOR SPRING                | 1   |
| 20   | FSB8.350.010 | AUTO LEVER                     | 1   |
| 21   | FSB8.381.012 | AUTO LEVER SPRING              | 1   |
| 22   | FSB8.381.009 | PLAY BUTTON LEVER SPRING       | 1   |
| 23   | Y.325.002    | LEAF SWITCH                    | 1   |
| 24   | FSB8.381.013 | SWITCH ACTUATOR SPRING         | 1   |
| 25   |              |                                |     |
| 26   | FSB8.202.014 | HEAD PANEL                     | 1   |
| 27   | FSB8.078.008 | HEAD BASE                      | 1   |
| 28   | FSB6.364.002 | SENSING PLATE ASS'Y            | 1   |
| 29   | FSB8.383.020 | E.H. SPRING                    | 1   |
| 30   | FSB8.383.018 | HEAD PANEL SPRING              | 1   |
| 31   |              |                                |     |
| 32   |              |                                |     |
| 33   | FSB8.914.010 | P.M.E. SCREW (P2X3.3)          | 1   |
|  | FSB8.912.000 | PINCH POLLER SCREW (P2X4.7)    | 1   |
|  | FSB8.912.000 | M.G ARM SCREW                  | 1   |
| 34   | FSB8.382.015 | AZIMUTH SPRING                 | 1   |
| 35   | FSB6.362.012 | PINCH ROLLER ARM ASS'Y         | 1   |
| 36   | FSB8.383.019 | PINCH ROLLER SPRING            | 1   |
| 37   |              |                                |     |
| 38   | FSB8.038.063 | METAL GUIDE                    | 1   |
| 39   | FSB6.341.003 | R.F. PULLEY ARM ASS'Y          | 1   |
| 40   | FSB8.381.014 | R.F. PULLEY ARM SPRING         | 1   |
| 41   | FSB8.914.011 | R.F. ARM COLLER SCREW          | 1   |
| 42   | FSB8.328.006 | R.F. BELT (DIA. 34.5X0.8X0.8)  | 1   |
| 43   |              |                                |     |

## FH-21FD-2

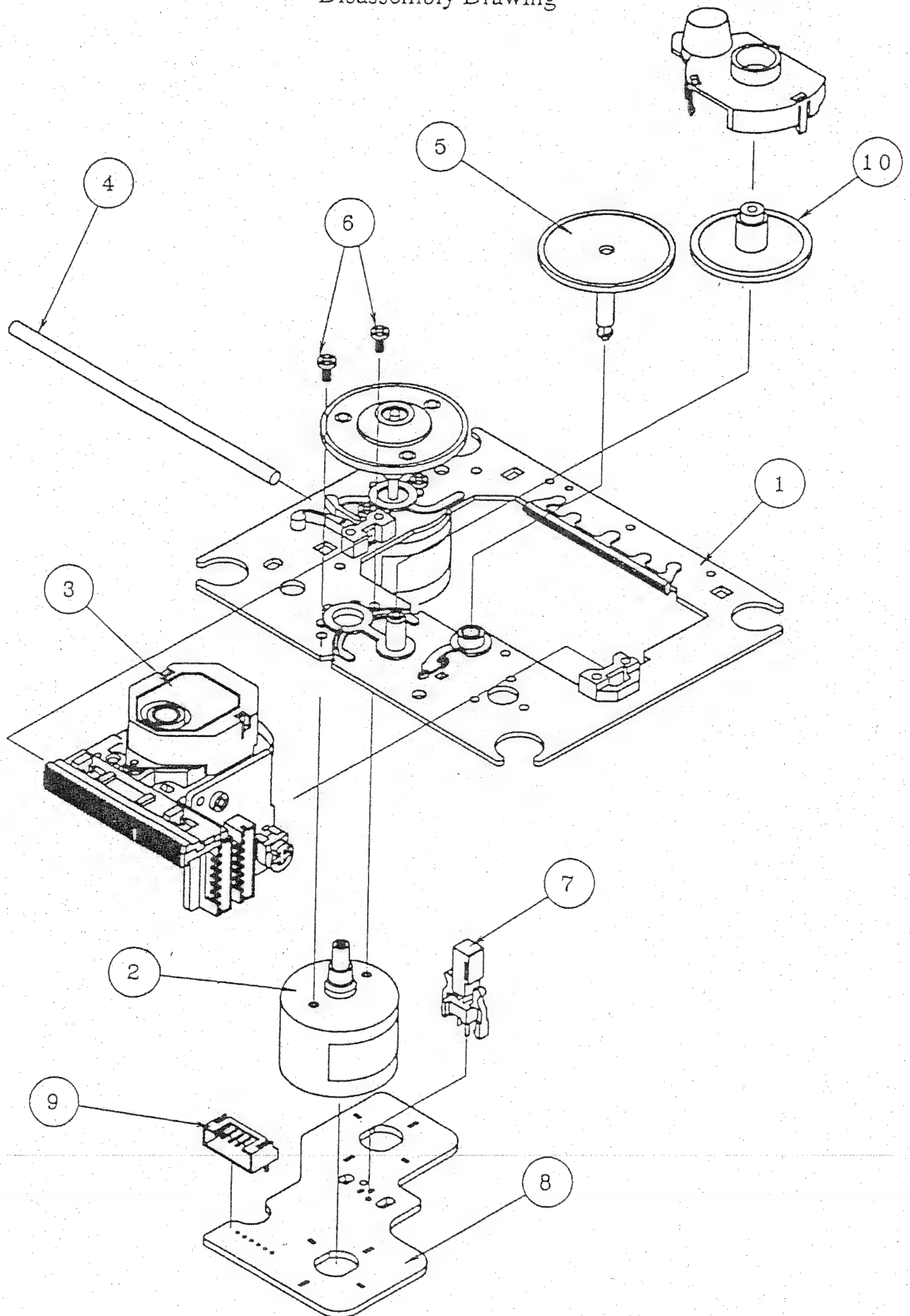
|                 |                 |   |                         |
|-----------------|-----------------|---|-------------------------|
|                 |                 |   |                         |
|                 |                 |   |                         |
|                 |                 | <b>MODEL : DECK MECHANISM FOR AKAI PJ-417CD (FH-21FD-2)</b> |                         |
|                 |                 |   | <b>DATE : 5.11.1996</b> |
|                 |                 | <b>PART LIST</b>  |                         |
| <b>EXP. NO.</b> | <b>PART NO.</b> | <b>PARTICULAR</b>   | <b>QTY</b>              |
| 44              | FSB6.320.003    | FLY WHEEL ASS'Y A   | 1                       |
| 45              | FSB8.031.016    | REEL BASE ASS'Y   | 1                       |
| 46              | FSB6.326.013    | TAKE UP GEAR PLATE ASS'Y                                    | 1                       |
| 47              | FSB8.470.006    | TAKE UP ROLLER GEAR   | 1                       |
| 48              | FSB8.382.015    | T.G PLATE SPRING  | 1                       |
| 49              | FSB8.470.004    | FF GEAR   | 1                       |
| 50              | FSB8.382.017    | BACK TENSION SPRING   | 1                       |
| 51              | FSB6.325.001    | SUPPLY REEL ASS'Y   | 1                       |
| 52              | FSB6.325.002    | TAKE UP REEL ASS'Y  | 1                       |
| 53              | FSB8.350.009    | RECORD SAFETY LEVER   | 1                       |
| 54              | FSB8.382.019    | BACK TENSION SPRING   | 1                       |
| 55              | FSB8.038.052    | MOTOR BRACKET   | 1                       |
| 56              | FSB8.683.050    | MOTOR RUBBER  | 1                       |
| 57              | FSB8.914.012    | MOTOR COLLER SCREW (M2.6)                                   | 1                       |
| 58              | FSB8.322.023    | MOTOR PULLEY (A)  | 1                       |
| 59              | FSB8.328.001    | MAIN BELT (VB)  | 1                       |
| 60              |                 |   |                         |
| 61              |                 |   |                         |
| 62              | FSB8.352.010    | EJECT SLIDE LEVER   | 1                       |
| 63              | FSB8.381.016    | EJECT SLIDE LEVER SPRING                                    | 1                       |
| 64              | FSB8.387.017    | PACK SPRING   | 1                       |
| 65              |                 |   |                         |
| 66              | Y.202.003       | R.P HEAD  | 1                       |
| 67              | Y.201.010       | E HEAD  | 1                       |
| 68              | Y.210.031       | MOTOR   | 1                       |
| 69              |                 |   |                         |
| 70              | Y.315.020       | TAMS SCREW (C2X3)   | 1                       |
| 71              | Y.315.020       | C TAPPING SCREW (C2X3)                                      | 1                       |
| 72              | Y315.020        | CTAPPING SCRE (C2X4)  | 1                       |
| 73              | Y.315.020       | P TAPPING BIND SCREW (P2X5)                                 | 5                       |
| 74              |                 |   |                         |
| 75              |                 |   |                         |
| 76              |                 |   |                         |
| 77              | Y.315.040       | CAP SCREW (M2X7)  | 1                       |
| 78              | Y.315.060       | AZIMUTH SCREW (M2X7)  | 1                       |
| 79              | FSB8.038.057    | FRAME (F)   | 1                       |
| 80              | FSB8.634.031    | FUNCTION LEVER  | 6                       |
| 81              | FSB8.300.028    | PUSH BUTTON LEVER SHAFT (3X103)                             | 1                       |
| 82              | Y315.050        | CAMMER SCREW (M2X7)   | 2                       |
| 83              | FSB8.946.004    | P WASHER CUT (1.2X3.9X0.4)                                  | 1                       |
| 84              | FSB8.946.005    | P WASHER CUT (1.55X3.8X0.5)                                 | 1                       |
| 85              | FSB8.600.046    | P WASHER CUT (2.05X40.5)                                    | 1                       |
| 86              | FSB8.078.010    | M.G ARM   | 1                       |

# KSL-212BCM 分解图

## Disassembly Drawing



KSM-212BCM 分解図  
Disassembly Drawing





| <u>KSL-212BCM CD MECHANISM</u> |                 |                                  |            |
|--------------------------------|-----------------|----------------------------------|------------|
| <u>NO.</u>                     | <u>PART NO.</u> | <u>DESCRIPTION</u>               | <u>QTY</u> |
| 1                              | 2-627-233-(01)  | LU CHASSIS                       | 1          |
| 2                              | 2-627-230-(01)  | TRAY                             | 1          |
| 3                              | 2-627-229-(01)  | SUB CHASSIS AS                   | 1          |
| 4                              | 2-627-231-(01)  | CAM GEAR                         | 1          |
| 5                              | 2-627-227-(01)  | CHUCKING PULLEY                  | 1          |
| 6                              | 2-627-239-(01)  | GEAR (X)                         | 1          |
| 7                              | 2-627-238-(01)  | GEAR (Y)                         | 1          |
| 8                              | 2-627-226-(01)  | CHUCKING SPRING                  | 1          |
| 9                              | 2-627-236-(01)  | COIL SPRING (FRONT)              | 2          |
| 10                             | 2-627-235-(01)  | COIL SPRING (BACK)               | 2          |
| 11                             | 2-627-234-(01)  | INSULATOR                        | 4          |
| 12                             | X-2625-910-(1)  | LOADING MOTOR ASSY               | 1          |
| 13                             | 1-692-053-(11)  | LEAF SWITCH                      | 1          |
| 14                             | 1-564-721-(11)  | CONNECTOR PIN (SUPER SMALL SIZE) | 1          |
| 15                             | 1-656-900-(11)  | LOADING MOTOR PWB                | 1          |
| 16                             | 2-626-294-(11)  | SCREW+PTPWH 2.6X7                | 5          |
| 17                             | 7-685-104-(11)  | PIN+P2X6 NO SLIT, TYPE 2         | 1          |
| 18                             | 7-621-7732-(00) | +B2X3                            | 2          |
|                                |                 |                                  |            |
|                                |                 |                                  |            |

| CD PCB-21BCMA    | SPARE PARTS PRICE LIST          |                 |
|------------------|---------------------------------|-----------------|
| FOR CD           |                                 | DATE : 25/10/96 |
| PART NO.         | DESCRIPTION                     | QTY             |
| 00-0289-10       | I.C. BA6395FP                   | 1               |
| 00-0303-00       | I.C. CXA1782BQ                  | 1               |
| 00-0456-00       | I.C. CXD2508AQ                  | 1               |
| 00-0717-00       | I.C. CXP1042Q                   | 1               |
| 00-0136-10       | I.C. BA4558N                    | 1               |
| 01-0106-02       | TR 2SB1013-2                    | 1               |
| 01-0037-03       | TR 2SA952K                      | 1               |
| 01-0208-11       | TR 2SB1374Q                     | 1               |
| 01-0141-03       | TR BN1L4M                       | 1               |
| 01-0145-03       | TR BA1L4M                       | 2               |
| 01-0084-01       | TR 2SC2458 Y                    | 1               |
| 05-4013-22       | INDUCTOR 100uH RL4055-101K      | 1               |
| 05-6000-26       | COMMON MODE CHOKE COIL 26uH X 2 | 1               |
| 02-0001-01       | DIODE 1N4148                    | 8               |
| 02-0000-03       | DIODE 1N4001                    | 1               |
| 04-0024-02       | OSCILLATOR CRYSTAL 33.8688MHz   | 1               |
| 111-1202-0251-0V | 12 PF 50V J CH CERAMIC CAP :    | 1               |
| 111-1502-0251-0V | 15PF 50V J CH                   | 2               |
| 111-1512-A061-0V | 150PF 50V K Y5P                 | 4               |
| 111-3312-A061-0V | 330PF 50V K Y5P                 | 2               |
| 111-2212-A061-0V | 220PF 50V K Y5P                 | 2               |
| 111-1022-A061-0V | 0.001UF 50V K Y5P               | 1               |
| 111-2230-A071-0V | 0.022UF 16V M Y5P               | 2               |
| 111-1040-A071-0V | 0.1UF 16V M Y5P                 | 8               |
| 111-1040-A071-0V | 0.1UF 16V M Y5P                 | 1               |
| 07-3215-48       | M-CAP : 0.0015UF 50V J          | 3               |
| 07-3222-48       | M-CAP : 0.0022UF 50V J          | 2               |
| 07-3247-48       | M-CAP : 0.0047UF 50V J          | 1               |
| 07-3310-48       | M-CAP : 0.01UF 50V J            | 5               |
| 07-3422-48       | M-CAP : 0.22UF 50V J            | 1               |
| 07-3333-48       | M-CAP : 0.033UF 50V J           | 3               |
| 07-3347-48       | M-CAP : 0.047UF 50V J           | 1               |
| 160-R478-1901-0V | E-CAP : 0.47 UF 50V             | 2               |
| 160-0108-1901-0V | 1UF 50V                         | 3               |
| 160-2R28-1901-0V | 2.2UF 50V                       | 1               |
| 160-3R38-1901-0V | 3.3UF 50V                       | 2               |
| 160-4R78-1901-0V | 4.7UF 50V                       | 1               |
| 160-2204-1901-0V | 22UF 10V                        | 1               |
| 160-3305-1901-0V | 33UF 16V                        | 1               |
| 160-4704-1901-0V | 47UF 10V                        | 2               |
| 160-4705-1901-0V | 47UF 16V                        | 1               |
| 160-1014-1901-0V | 100UF 10V                       | 6               |
| 160-1015-1901-0V | 100UF 16V                       | 1               |
| 160-2215-1901-0V | 220UF 16V                       | 1               |

|                  |                                  |                 |
|------------------|----------------------------------|-----------------|
| CD PCB-21BCMA    | SPARE PARTS PRICE LIST           |                 |
| FOR CD           |                                  | DATE : 25/10/96 |
| PART NO.         | DESCRIPTION                      | QTY             |
|                  | CARBON FILM RESISTOR : 1/8w +-5% | 1               |
| 191-R100-0100-8B | 10 OHM                           | 1               |
| 191-R910-0100-8B | 91 OHM                           | 1               |
| 191-R101-0100-8B | 100 OHM                          | 1               |
| 191-R102-0100-8B | 1K OHM                           | 6               |
| 191-R222-0100-8B | 2K2 OHM                          | 1               |
| 191-R272-0100-8B | 2K7 OHM                          | 1               |
| 191-R332-0100-8B | 3K3 OHM                          | 1               |
| 191-R472-0100-8B | 4K7 OHM                          | 2               |
| 191-R562-0100-8B | 5K6 OHM                          | 1               |
| 191-R752-0100-8B | 7K5 OHM                          | 1               |
| 191-R822-0100-8B | 8K2 OHM                          | 3               |
| 191-R912-0100-8B | 9K1 OHM                          | 2               |
| 191-R103-0100-8B | 10K OHM                          | 13              |
| 191-R123-0100-8B | 12K OHM                          | 3               |
| 191-R153-0100-8B | 15K OHM                          | 2               |
| 191-R223-0100-8B | 22K OHM                          | 14              |
| 191-R273-0100-8B | 27K OHM                          | 1               |
| 191-R303-0100-8B | 30K OHM                          | 1               |
| 191-R823-0100-8B | 82K OHM                          | 2               |
| 191-R104-0100-8B | 100K OHM                         | 10              |
| 191-R154-0100-8B | 150K OHM                         | 1               |
| 191-R184-0100-8B | 180K OHM                         | 1               |
| 191-R204-0100-8B | 200K OHM                         | 1               |
| 191-R514-0100-8B | 510K OHM                         | 1               |
| 191-R624-0100-8B | 620K OHM                         | 1               |
| 191-R105-0100-8B | 1M OHM                           | 1               |
| 192-5601-0100-8B | 5K6 OHM                          | 1               |
| 192-1802-0100-8B | 18K OHM                          | 1               |
| 20-0005-01       | TRIMMER POTENTIOMETER B20K+-30%  | 1               |
| 20-0024-01       | TRIMMER POTENTIOMETER B47K+-30%  | 1               |
|                  | ELECTRICAL MISCELLANEOUS:        |                 |
| 19-0010-03       | WAFER 2P B2B-PH-K-S              | 3               |
| 19-0012-03       | WAFER 3P B3B-PH-K-S              | 2               |
| 19-0014-03       | WAFER 4P B4B-PH-K-S              | 2               |
| 19-0017-03       | WAFER 5P B5B-PH-K-S              | 1               |
| 19-0039-03       | WAFER 6P B6B-PH-K-S              | 1               |
| 19-0041-03       | WAFER 8P B8B-PH-K-S              | 2               |
| 19-0019-03       | WAFER 9P B9B-PH-K-S              | 1               |
| 19-0020-03       | WAFER 10P B10B-PH-K-S            | 1               |
| 19-0036-03       | WAFER 8P B8B-PH-K-R (RED)        | 1               |
| 19-0013-03       | WAFER 4P B4B-EH-A                | 1               |
| 19-0007-08       | WIRE HARNESS 20MM CN#11          | 1               |
| 84-2502-00       | PCB 21BCMA MAIN PCB 94V-0        | 1               |

|                 |                                |                 |
|-----------------|--------------------------------|-----------------|
| CD PCB-21BCMA   | SPARE PARTS PRICE LIST         |                 |
| FOR CD          |                                | DATE : 25/10/96 |
| <u>PART NO.</u> | <u>DESCRIPTION</u>             | <u>QTY</u>      |
| 64-0000-00      | TEST PIN DIA 1MM               | 6               |
|                 | TINNER COPPER WIRE : DIA 0.6MM | 2               |
| 66-1100-02      | L=5.5MM                        | 23              |
| 66-1101-02      | L=7.5MM                        | 20              |
| 66-1103-02      | L=10MM                         | 14              |
| 66-1104-02      | L=12.5MM                       | 12              |
| 66-1105-02      | L=15MM                         | 4               |
| 66-0017-02      | L=25MM                         | 1               |
|                 |                                |                 |
|                 |                                |                 |

# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version

| @USD |              |   |   |     |         |         |
|------|--------------|---|---|-----|---------|---------|
|      | PART NO.     | DESCRIPTION   | POSITION NUMBER                           | QTY | U PRICE | VERSION |
| 1    | 101-0116-011 | MAIN BOARD (417-1) 205x170mm < rev-0 >                | 03  | 1   | 1.5807  | E.V.    |
| 2    | 101-0112-311 | MAIN BOARD (417-1) AUG 8,96                           | 03  | 1   | 1.5807  | Y       |
| 3    | 101-0113-011 | TAPE- P.C. BOARD+BATTERY PCB ( 417-2+5A/5B) < rev-0 > | 28,101,105                                | 1   | 1.3436  | E.V.Y   |
| 4    | 101-0114-011 | DISPLAY BOARD ( 417-4 ) 162x46mm < rev-0 >            | 63  | 1   | 0.3914  | E.V.Y   |
| 5    | 101-0096-011 | RECTIFIER BOARD 3001/2881-3                           | 108                                       | 1   | 0.0941  | E.V.Y   |
| 6    | 102-0037-001 | IC: POWER AMP.TA8227P                                 | IC301                                     | 1   | 1.0162  | E.V.Y   |
| 7    | 102-0028-001 | IC: PRE AMP.AN7312                                    | IC201                                     | 1   | 0.6398  | E.V.Y   |
| 8    | 102-0001-001 | IC: RADIO CXA1238S                                    | IC601                                     | 1   | 1.7764  | E.V.Y.  |
| 9    | 102-0012-000 | TRANSISTOR TR 9018F                                   |   | 1   | 0.0828  | Y       |
| 10   | 107-0002-000 | TRANSISTOR: 9014 C                                    | Q501,101-106,108,110--112,114-115,201-203 | 16  | 0.0602  | E.V.Y   |
| 11   | 107-0020-000 | TRANSISTOR: 8050C                                     | Q109                                      | 1   | 0.0828  | E.V.Y   |
| 12   | 107-0018-000 | TRANSISTOR: 8550C                                     | Q107                                      | 1   | 0.0828  | E.V.Y.  |
| 13   | 107-0040-000 | TRANSISTOR: B986S                                     | Q113                                      | 1   | 0.4375  | E.V.Y.  |
| 14   | 107-0003-000 | DIODE: IN4001   | D301-304                                  | 4   | 0.0199  | E.V.Y.  |
| 15   | 107-0004-000 | DIODE: IN4148   | D101-109,601-603,201                      | 13  | 0.0188  | E.V.Y.  |
| 16   | 107-0060-033 | L.E.D.LAMP 3mm (ORANGE-YELLOW) - IFR-334AD -          | LED D402/57                               | 1   | 0.1054  | E.V.Y   |
| 17   | 107-0037-023 | L.E.D.LAMP 3mm (RED)                                  | LED D401/58                               | 1   | 0.0602  | E.V.Y.  |
| 18   | 107-0061-053 | L.E.D.LAMP 3mm (GREEN)                                | LED D403-406/62                           | 4   | 0.0640  | E.V.Y.  |
| 19   | 103-0002-141 | I.F.T: 10A-1285 (YELLOW)                              | T601                                      | 1   | 0.1129  | E.V.Y.  |
| 20   | 103-0003-191 | I.F.T: 10A-1287 (WHITE)                               | T602                                      | 1   | 0.1129  | E.V.Y   |
| 21   | 103-0124-121 | I.F.T: 10A-OA-815638 (RED) [2881]                     | T605                                      | 1   | 0.0941  | E.V.Y   |
| 22   | 103-0126-261 | I.F.T: 10A-F-815437 (BLUE) [2881]                     | T603                                      | 1   | 0.1129  | E.V.Y   |
| 23   | 103-0139-001 | I.F.T: 10A-D-819170 (GREY) [2881]                     | L201                                      | 1   | 0.1731  | E.V.Y   |
| 24   | 103-0092-103 | AM COIL:115:20T (M3) 4-Wire L=140mm., paper-L=36mm    | L602                                      | 1   | 0.0753  | S       |
| 25   | 103-0146-103 | AM COIL : 80 : 15T (M3) 4-wire L=140mm                |   | 1   | 0.0900  | Y       |
| 26   | 103-0000-103 | AM COIL : 120 : 30T CCW (M3) 4-wire L=140mm           |   | 1   | 0.0900  | E.V.    |
| 27   | 103-0130-303 | LW COIL : 320 : 60T ACW (M3) L=140mm                  |   | 1   | 0.1300  | E.V.    |
| 28   | 103-0149-400 | CHOKE COIL 22uH (DC=0.4 Ohm) CW220K-829256-00         | L101                                      | 1   | 0.0565  | E.V.Y   |
| 29   | 103-0098-000 | CHOKE COIL 2.2 uH                                     |   | 1   | 0.0565  | Y       |
| 30   | 103-0056-200 | MODULAR COIL FTZ-1135-B                               | L604                                      | 1   | 0.1129  | E.V.    |
| 31   | 103-0136-200 | FM COIL: 3.5T x4.5mm (0.7)                            | L601,L603                                 | 2   | 0.0075  | E.V.Y   |
| 32   | 103-0140-200 | FM COIL : 2.5T x 5mm (0.7)                            |   | 1   | 0.0075  | Y       |
| 33   | 443-0010-000 | FERRITE BAR 10x70mm. (CHINA)                          | 82  | 1   | 0.0979  | Y       |
| 34   | 443-0000-000 | FERRITE BAR 10x90mm (Yellow)                          |   | 1   | 0.2500  | E.V.    |



**SPARE PARTS P I E LIST**

**MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version**

**@USD**

|    | PART NO.     | DESCRIPTION  | POSITION NUMBER   | QTY | U PRICE | VERSION |
|----|--------------|--|-------------------|-----|---------|---------|
| 35 | 110-0028-600 | P.V.C. AM/FM 126PF                                   | VC101/76          | 1   | 0.7151  | E.V.    |
| 36 | 110-0051-600 | P.V.C. AM/FM/SW 266PF                                |                   | 1   | 1.3000  | Y       |
| 37 | 109-0114-400 | R.V. 100KB EWCU6AF10B15 WITH/C.C. (BASS,TR)          | VR101,VR102/79,81 | 2   | 0.5200  | E.V.Y   |
| 38 | 109-0119-400 | R.V. 50KB EVUE2AF15B54 (MIC MIX)                     | VR501/25          | 1   | 0.3900  | E.V.Y.  |
| 39 | 109-0111-400 | R.V. 50KD EWCUIAF10D54 (VOLUME)                      | VR103/78          | 1   | 0.5200  | E.V.Y.  |
| 40 | 109-0026-300 | SEMI-FIX VR DOUBLE GAIN 2KB OHM                      |                   | 1   | 0.0489  | E.V.Y.  |
| 41 | 104-0093-000 | SLIDE SWITCH: SS-42H08-G12-NS (BAND)                 | (AM/FM)SW601/71   | 1   | 0.2145  | V.      |
| 42 | 104-0095-000 | SLIDE SWITCH : SS-63D01-G12-NS                       |                   | 1   | 0.3000  | Y       |
| 43 | 104-0098-000 | SLIDE SWITCH : 1P2T WS-12J01-G(C)0 NEW               | 110V-230V         | 1   | 0.2200  | Y       |
| 44 | 104-0087-000 | SLIDE SWITCH: SS-43D01-G12-NS (FUNCTION)             | SW101/69          | 1   | 0.2145  | E.V.Y   |
| 45 | 104-0097-000 | SLIDE SWITCH: SK23E03-G12 (BEAT CUT)                 | SW103/87          | 1   | 0.1505  | E.V.Y   |
| 46 | 104-0090-000 | PUSH SWITCH: RSD-92D02S-NS (SHORTING) (REC)          | SW201/27          | 1   | 0.1882  | E.V.Y   |
| 47 | 104-0091-000 | PUSH SWITCH: PS42F18(LOCK) (SUPER BASS)              | SW102/80          | 1   | 0.2258  | E.V.Y.  |
| 48 | 104-0054-000 | TACT SWITCH (160gF) BGTO230L4.3P                     | K401~K409/55      | 9   | 0.0659  | E.V.Y   |
| 49 | 104-0004-000 | JACK $\phi$ 3.5mm W/2P2T ST212W (D) (MIC)            | J303C/26          | 1   | 0.3688  | E.V.Y   |
| 50 | 104-0099-000 | JACK $\phi$ 3.5mm STEREO TC38-029-02 5-PINS (PHONES) | JK501/29          | 1   | 0.1807  | E.V.Y   |
| 51 | 105-0040-000 | DECK MECHANISM ----FH21FD-2(12V)----                 | 36                | 1   | 6.0000  | E.V.Y   |
| 52 |              | (AUTO STOP) MOTOR EG530YD-2BH [12V-CCW]              |                   |     |         |         |
| 53 |              | KEY KNOB ( 6 ) WITH BRACKET & SCREW                  | 34,35,120         |     |         |         |
| 54 |              | REC/PLAY HEAD: RP-7442-BS-0951                       |                   |     |         |         |
| 55 |              | ERASE HEAD: MSI-5po (TC-235)                         |                   |     |         |         |
| 56 |              | MOTOR POSITION: 4 O'CLOCK                            |                   |     |         |         |
| 57 | 106-0066-100 | TRANSFORMER TO-V812TR-02 230V VDE                    | 90                | 1   | 3.2179  | E.V.    |
| 58 | 106-0040-000 | TRANSFORMER TO-W812TR-02 110V/230V                   |                   | 1   | 3.2179  | Y       |
| 59 | 104-0005-000 | APP'D AC SOCKET (VDE) PSE-27                         | 92                | 1   | 0.5269  | E.V.Y   |
| 60 | 445-0001-000 | AC SOCKET COVER                                      | 91                | 1   | 0.0188  | E.V.Y   |
| 61 | 106-0005-101 | SAA APPROVED CORD W/2.5A PLUG 6FT                    |                   | 1   | 1.5431  | E.V.Y   |
| 62 | 107-0008-003 | CERAMIC FILTER:10.7 MS3 (RED)TOKO/MURATA             | CF601             | 1   | 0.3011  | E.V.Y   |
| 63 | 107-0062-000 | LCD DISPLAY FOR CD < HLC8530-011419 >                | 59                | 1   | 1.9000  | E.V.Y   |
| 64 | 105-0041-000 | CD MECHANISM < KSL-212BCM >                          | 50                | 1   | 24.0000 | E.V.Y   |
| 65 | 101-0115-011 | PCB ASSY FOR CD < PCB-21BCM >                        | 48                | 1   | 19.5000 | E.V.Y   |
| 66 | 109-0001-103 | RESISTOR 1/4W: 1 OHM                                 | R151,152          | 2   | 0.0049  | E.V.Y   |
| 67 | 109-0032-103 | RESISTOR 1/4W: 47 OHM                                | R201,202,504      | 3   | 0.0049  | E.V.Y   |
| 68 | 109-0058-103 | RESISTOR 1/4W: 68 OHM                                | R223              | 1   | 0.0049  | E.V.Y   |

# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version

@USD

|     | PART NO.     | DESCRIPTION                  | POSITION NUMBER                          | QTY | U PRICE | VERSION |
|-----|--------------|------------------------------|--|-----|---------|---------|
| 69  | 109-0005-103 | RESISTOR 1/4W: 120 OHM       | R225,701,702                             | 3   | 0.0049  | E.V.Y   |
| 70  | 109-0060-103 | RESISTOR 1/4W: 180 OHM       | R139,149,150,401                         | 4   | 0.0049  | E.V.Y   |
| 71  | 109-0025-103 | RESISTOR 1/4W: 220 OHM       | R618                                     | 1   | 0.0049  | E.V.Y   |
| 72  | 109-0006-103 | RESISTOR 1/4W: 330 OHM       | R610,214                                 | 2   | 0.0049  | E.V.Y   |
| 73  | 109-0007-103 | RESISTOR 1/4W: 470 OHM       | R617                                     | 1   | 0.0049  | E.V.Y   |
| 74  | 109-0038-103 | RESISTOR 1/4W: 560 OHM       | R402                                     | 1   | 0.0049  | E.V.Y   |
| 75  | 109-0008-103 | RESISTOR 1/4W: 680 OHM       | R135,141                                 | 2   | 0.0049  | E.V.Y   |
| 76  | 109-0010-103 | RESISTOR 1/4W: 1K OHM        | R107,108,133,134,148,609,615,616,226     | 9   | 0.0049  | E.V.Y   |
| 77  | 109-0011-103 | RESISTOR 1/4W: 2K2 OHM       | R142,155,606,503,614                     | 5   | 0.0049  | E.V.Y   |
| 78  | 109-0012-103 | RESISTOR 1/4W: 3K3 OHM       | R138,601,604,156                         | 4   | 0.0049  | E.V.Y   |
| 79  | 109-0040-103 | RESISTOR 1/4W: 3K9 OHM       | R131,132,603,215,216                     | 5   | 0.0049  | E.V.Y   |
| 80  | 109-0013-103 | RESISTOR 1/4W: 4K7 OHM       | R111,112                                 | 2   | 0.0049  | E.V.Y   |
| 81  | 109-0014-103 | RESISTOR 1/4W: 5K6 OHM       | R203,204,505                             | 3   | 0.0049  | E.V.Y   |
| 82  | 109-0030-103 | RESISTOR 1/4W: 6K8 OHM       | R103,104,612,613,168                     | 5   | 0.0049  | E.V.Y   |
| 83  | 109-0042-103 | RESISTOR 1/4W: 8K2 OHM       | R209-212,217,218,501,140                 | 8   | 0.0049  | E.V.Y   |
| 84  | 109-0016-103 | RESISTOR 1/4W: 15K OHM       | R115-126,                                | 12  | 0.0049  | E.V.Y   |
| 85  | 109-0031-103 | RESISTOR 1/4W: 18K OHM       | R207,208                                 | 2   | 0.0049  | E.V.Y   |
| 86  | 109-0017-103 | RESISTOR 1/4W: 22K OHM       | R127,128,136,159,160,163,164,167,205,206 | 10  | 0.0049  | E.V.Y   |
| 87  | 109-0018-103 | RESISTOR 1/4W: 33K OHM       | R105,106,153,154,219,220                 | 6   | 0.0049  | E.V.Y   |
| 88  | 109-0052-103 | RESISTOR 1/4W: 39K OHM       | R144                                     | 1   | 0.0049  | E.V.Y   |
| 89  | 109-0019-103 | RESISTOR 1/4W: 47K OHM       | R143,147,161,162,165,166                 | 6   | 0.0049  | E.V.Y   |
| 90  | 109-0045-103 | RESISTOR 1/4W: 82K OHM       | R221,222                                 | 2   | 0.0049  | E.V.Y   |
| 91  | 109-0020-103 | RESISTOR 1/4W: 100K OHM      | R157,158,608,611                         | 4   | 0.0049  | E.V.Y   |
| 92  | 109-0022-103 | RESISTOR 1/4W: 220K OHM      | R224,605,607                             | 3   | 0.0049  | E.V.Y   |
| 93  | 109-0023-103 | RESISTOR 1/4W: 330K OHM      | R113,114,227                             | 3   | 0.0049  | E.V.Y   |
| 94  | 109-0066-103 | RESISTOR 1/4W: 560K OHM      | R145                                     | 1   | 0.0049  | E.V.Y   |
| 95  | 109-0055-103 | RESISTOR 1/4W: 680K OHM      | R129,130                                 | 2   | 0.0049  | E.V.Y   |
| 96  | 109-0047-103 | RESISTOR 1/4W: 1M OHM        | R109,110,213                             | 3   | 0.0049  | E.V.Y   |
| 97  | 109-0074-103 | RESISTOR 1/4W: 1M5 OHM       | R101,102,502                             | 3   | 0.0049  | E.V.Y   |
| 98  | 109-0107-103 | RESISTOR 1/4W: 2M2 OHM       | R137                                     | 1   | 0.0049  | E.V.Y   |
| 99  | 109-0110-103 | RESISTOR 1/4W: 12M OHM       | R146                                     | 1   | 0.0049  | E.V.Y   |
| 100 | 110-0132-900 | CERAMIC CAPACITOR: 4pF (npo) | C609                                     | 1   | 0.0083  | E.V.Y   |
| 101 | 110-0101-100 | CERAMIC CAPACITOR: 15pF      | C631                                     | 1   | 0.0083  | E.V.Y   |
| 102 | 110-0005-100 | CERAMIC CAPACITOR: 22pF      | C604                                     | 1   | 0.0083  | E.V.Y   |

# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V]

V Version = S Version

@USD

|     | PART NO.     | DESCRIPTION                        | POSITION NUMBER                          | QTY | U PRICE | VERSION |
|-----|--------------|------------------------------------|--|-----|---------|---------|
| 103 | 110-0006-900 | CERAMIC CAPACITOR: 25pF (n330)     | C605                                     | 1   | 0.0260  | E.V.Y   |
| 104 | 110-0007-100 | CERAMIC CAPACITOR: 30pF            | C601,602,603                             | 3   | 0.0083  | E.V.Y   |
| 105 | 110-0033-100 | CERAMIC CAPACITOR: 50pF            | C207,208                                 | 2   | 0.0083  | E.V.Y   |
| 106 | 110-0009-100 | CERAMIC CAPACITOR: 100pF           | C614,119,120                             | 3   | 0.0083  | E.V.Y   |
| 107 | 110-0010-900 | CERAMIC CAPACITOR: 130pF (np0)     | C606                                     | 1   | 0.0376  | E.V.Y   |
| 108 | 110-0057-100 | CERAMIC CAPACITOR: 500pF           | C223,224                                 | 2   | 0.0087  | E.V.Y   |
| 109 | 110-0012-100 | CERAMIC CAPACITOR: 0.002uF         | C143,144                                 | 2   | 0.0083  | E.V.Y   |
| 110 | 110-0013-100 | CERAMIC CAPACITOR: 0.001uF         | C215,216,502                             | 3   | 0.0083  | E.V.Y   |
| 111 | 110-0016-100 | CERAMIC CAPACITOR: 0.01uF          | C607,222,227                             | 3   | 0.0083  | E.V.Y   |
| 112 | 110-0016-150 | CERAMIC CAPACITOR: 0.01uF - (50v)  | C302-305                                 | 4   | 0.0083  | E.V.Y   |
| 113 | 110-0015-100 | CERAMIC CAPACITOR: 0.02uF          | C101,102,127,615,619,630,213,214         | 8   | 0.0094  | E.V.Y   |
| 114 | 110-0017-100 | CERAMIC CAPACITOR: 0.1uF           | C136                                     | 1   | 0.0256  | E.V.Y   |
| 115 | 110-0066-200 | MYLAR CAPACITOR: 0.001uF           | C201,202                                 | 2   | 0.0199  | E.V.Y   |
| 116 | 110-0047-200 | MYLAR CAPACITOR: 0.0022uF          | C211,212,226,115,116                     | 5   | 0.0199  | E.V.Y   |
| 117 | 110-0046-200 | MYLAR CAPACITOR: 0.0033uF          | C624,625                                 | 2   | 0.0199  | E.V.Y   |
| 118 | 110-0029-200 | MYLAR CAPACITOR: 0.0047uF          | C147                                     | 1   | 0.0199  | E.V.Y   |
| 119 | 110-0067-200 | MYLAR CAPACITOR: 0.0082uF          | C622,623                                 | 2   | 0.0199  | E.V.Y   |
| 120 | 110-0076-200 | MYLAR CAPACITOR: 0.018uF           | C148                                     | 1   | 0.0245  | E.V.Y   |
| 121 | 110-0117-200 | MYLAR CAPACITOR: 0.022uF           | C205,206                                 | 2   | 0.0256  | E.V.Y   |
| 122 | 110-0058-200 | MYLAR CAPACITOR: 0.033uF           | C109-112                                 | 4   | 0.0267  | E.V.Y   |
| 123 | 110-0136-200 | MYLAR CAPACITOR: 0.082uF           | C113,114                                 | 2   | 0.0414  | E.V.Y   |
| 124 | 110-0001-200 | MYLAR CAPACITOR: 0.1uF             | C139,140                                 | 2   | 0.0489  | E.V.Y   |
| 125 | 110-0019-310 | ELECTROLYTIC CONDENSER: 0.47uF/10V | C105-108,117,118,121,122,613,501,503     | 11  | 0.0245  | E.V.Y   |
| 126 | 110-0018-310 | ELECTROLYTIC CONDENSER: 1uF        | C103,104,123,131,132,610,618,621,626,627 | 10  | 0.0245  | E.V.Y   |
| 127 | 110-0140-310 | ELECTROLYTIC CONDENSER: 2u2        | C126                                     | 1   | 0.0245  | E.V.Y   |
| 128 | 110-0021-310 | ELECTROLYTIC CONDENSER: 4u7        | C209,210,217,218,612,616,150             | 7   | 0.0245  | E.V.Y   |
| 129 | 110-0023-310 | ELECTROLYTIC CONDENSER: 10uF       | C220,225,149,608,611                     | 5   | 0.0245  | E.V.Y   |
| 130 | 110-0020-310 | ELECTROLYTIC CONDENSER: 33uF       | C617                                     | 1   | 0.0256  | E.V.Y   |
| 131 | 110-0022-310 | ELECTROLYTIC CONDENSER: 47uF       | C203,204,219,135                         | 4   | 0.0271  | E.V.Y   |
| 132 | 110-0024-310 | ELECTROLYTIC CONDENSER: 100uF      | C128,133,134,137,138,146,620,228         | 8   | 0.0294  | E.V.Y   |
| 133 | 110-0025-310 | ELECTROLYTIC CONDENSER: 220uF      | C123,221,153                             | 3   | 0.0395  | E.V.Y   |
| 134 | 110-0027-316 | ELECTROLYTIC CONDENSER: 1000uF/16V | C141,142                                 | 2   | 0.1280  | E.V.Y   |
| 135 | 110-0024-325 | ELECTROLYTIC CONDENSER: 100uF/25V  | C129,130                                 | 2   | 0.0546  | E.V.Y   |
| 136 | 110-0025-325 | ELECTROLYTIC CONDENSER: 220uF/25V  | C124                                     | 1   | 0.0903  | E.V.Y   |

# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version

@USD

|     | PART NO.     | DESCRIPTION                                    | POSITION NUMBER       | QTY | U PRICE | VERSION |
|-----|--------------|--|-----------------------|-----|---------|---------|
| 137 | 110-0145-325 | ELECTROLYTIC CONDENSER: 2200uF/25V             | C145,301              | 2   | 0.5081  | E.V.Y   |
| 138 | 108-0194-900 | PITCH 2.5mm 2PIN SINGLE HOUSING -              | SO104/P304            | 1   | 0.0866  | E.V.Y   |
| 139 |              | W/#22 UL JUMPER WIRE x2 [L=200mm]              |                       |     |         |         |
| 140 |              | 1,RED / 2,BLACK                                |                       |     |         |         |
| 141 | 108-0195-900 | PITCH 2.5mm 5PIN SINGLE HOUSING -              | SO701/P105~P109       | 1   | 0.2333  | E.V.Y   |
| 142 |              | W/#22 UL JUMPER WIREx5 [L=260mm]               |                       |     |         |         |
| 143 |              | 1,BROWN./2,RED/3,ORANGE./4,YELLOW.5,GREEN      |                       |     |         |         |
| 144 | 108-0181-904 | #22 UL APPROVED PVC WIRE YELLOW L=220mm        | POWER PCB/AC SOCKET   | 1   | 0.0094  | E.V.Y   |
| 145 | 108-0129-900 | #22 UL APPROVED PVC WIRE BLACK L=120mm         | POWER PCB/BATTERY PCB | 1   | 0.0094  | E.V.Y   |
| 146 | 108-0168-903 | #22 UL APPROVED PVC WIRE ORANGE L=160mm        | POWER PCB/AC SOCKET   | 1   | 0.0124  | E.V.Y   |
| 147 | 108-0021-009 | #26 PVC WIRE WHITE L=60mm                      | MOTOR/LEAF SWITCH     | 1   | 0.0022  | E.V.Y   |
| 148 | 108-0004-008 | #26 PVC WIRE YELLOW L=80mm                     | C224 GND/R210 GND     | 1   | 0.0027  | E.V.Y   |
| 149 | 108-0061-005 | #26 PVC WIRE GREEN L=160mm                     | C153/SO104.B- GND     | 1   | 0.0044  | E.V.Y   |
| 150 | 108-0061-003 | #26 PVC WIRE ORANGE L=160mm                    | BUZZAR/SPEAKER+       | 2   | 0.0044  | E.V.Y   |
| 151 | 108-0061-006 | #26 PVC WIRE BLUE L=160mm                      | BUZZAR/SPEAKER-       | 2   | 0.0044  | E.V.Y   |
| 152 | 108-0009-009 | #26 PVC WIRE white =300mm                      | SO202<1>/SO108<1>     | 1   | 0.0074  | E.V.Y   |
| 153 | 108-0009-008 | #26 PVC WIRE gray =300mm                       | SO202<2>/SO108<2>     | 1   | 0.0074  | E.V.Y   |
| 154 | 108-0196-209 | PITCH 2mm 3PIN SINGLE HOUSING -                | CN6/SO106             | 1   | 0.1844  | E.V.Y   |
| 155 |              | W/#28 (2547) DOUBLE SHIELD WIRE[white] L=300mm |                       |     |         |         |
| 156 |              | 1,RED /2,GND /3,WHITE                          |                       |     |         |         |
| 157 | 108-0197-201 | PITCH 2mm 4PIN SINGLE HOUSING -                | SO201/R/P HEAD        | 1   | 0.2108  | E.V.Y   |
| 158 |              | 1, W/#26 PVC WIRE BROWN L=180mm                |                       |     |         |         |
| 159 |              | AND DOUBLE SHIELD WIRE L=180mm                 |                       |     |         |         |
| 160 |              | 2,RED/3,GND/4,WHITE                            |                       |     |         |         |
| 161 | 108-0198-000 | PITCH 2mm 2PIN SINGLE HOUSING -                | SO103/SO405           | 1   | 0.0790  | E.V.Y   |
| 162 |              | W/#26 PVC WIRE L=260mm 1,gray / 2,purple       |                       |     |         |         |
| 163 | 108-0198-000 | PITCH 2mm 2PIN SINGLE HOUSING -                | SO109/SO404           | 1   | 0.0790  | E.V.Y   |
| 164 |              | W/#26 PVC WIRE L=260mm 1,green / 2,yellow      |                       |     |         |         |
| 165 | 108-0200-000 | PITCH 2mm 2PIN SINGLE HOUSING -                | SO107/SO406           | 1   | 0.0790  | E.V.Y   |
| 166 |              | W/#26 PVC WIRE L=280mm 1,brown / 2,blue        |                       |     |         |         |
| 167 | 108-0201-000 | PITCH 2mm 2PIN SINGLE HOUSING -                | CN5/P101<+>,P102<GND> | 1   | 0.0979  | E.V.Y   |
| 168 |              | W/#24 PVC WIRE L=360mm 1,red / 2,black         |                       |     |         |         |
| 169 | 108-0202-000 | PITCH 2mm 3PIN SINGLE HOUSING W/#26 PVC. WIRE- | SO105/DECK            | 1   | 0.1167  | E.V.Y   |
| 170 |              | 1,WHITE /2,BLACK /3,RED L=260mm                |                       |     |         |         |



# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V]

V Version = S Version

@USD

|     | PART NO.     | DESCRIPTION   | POSITION NUMBER           | QTY | U PRICE | VERSION |
|-----|--------------|---|---------------------------|-----|---------|---------|
| 171 | 108-0203-000 | PITCH 2mm 8PIN SING.HOUSING-UL-W/#28PVC.L=200mm               | CN14/SO403                | 1   | 0.3161  | E.V.Y   |
| 172 |              | 1,brown/2,red/3,orange/4,yellow/5,grn/6,blue/7,purple/8,gray  |                           |     |         |         |
| 173 | 108-0204-000 | PITCH 2mm 9PIN SING.HOUSING-UL-W/#28PVC.L=220mm               | CN11/SO402                | 1   | 0.3613  | E.V.Y   |
| 174 |              | 1,brown/2red/3orang/4,yew/5,grn/6,bue/7,puple/8,gry/9,white   |                           |     |         |         |
| 175 | 108-0205-000 | PITCH 2mm 10PIN SING.HOUSING-UL-W/#28PVC.L=240mm              | CN10/SO401                | 1   | 0.4140  | E.V.Y   |
| 176 |              | 1brown/2red/3orang/4yew/5grn/6bue/7puple/8gry/9white/10blk    |                           |     |         |         |
| 177 | 108-0206-000 | PITCH 2mm 5PIN TWIN.HOUSING-UL-W/#28 PVC.WIRE                 | CD PCB CN16/CD DECK       | 1   | 0.3274  | E.V.Y   |
| 178 |              | 1,brown/2,red/3,orange/4,yellow/5,green L=160mm               |                           |     |         |         |
| 179 | 108-0207-000 | PITCH 2mm 6PIN TWIN.HOUSING -UL- W/#28 PVC. WIRE              | CD PCB CN4/CD DECK        | 1   | 0.4178  | E.V.Y   |
| 180 |              | 1,brown/2,red/3,orange/4,yellow/5,green/6,blue L=240mm        |                           |     |         |         |
| 181 | 108-0208-000 | PITCH.2mm 8PIN TWIN. HOUSING -----< RED COLOR >               | CD PCB CN3/CD DECK        | 1   | 0.5457  | E.V.Y   |
| 182 |              | WITH / #28 -UL- PVC .WIRE L=180mm                             |                           |     |         |         |
| 183 |              | 1,brown/2,red/3,orange/4,yellow/5,green/6,blue/7,puple/8,gray |                           |     |         |         |
| 184 | 108-0209-000 | PITCH. 2mm 8PIN TWIN. HOUSING -----< WHITE COLOR>             | CD PCB CN1/CD DECK        | 1   | 0.5457  | E.V.Y   |
| 185 |              | WITH / #28 -UL- PVC .WIRE L=180mm                             |                           |     |         |         |
| 186 |              | 1,brown/2,red/3,orange/4,yellow/5,green/6,blue/7,puple/8,gray |                           |     |         |         |
| 187 | 108-0184-005 | £p1.3mmS-TE TERMUNAL W/#26 PVC WIRE green L=260mm             | PI03/CD PCB Q7<C>         | 1   | 0.0429  | E.V.Y   |
| 188 | 108-0184-009 | £p1.3mmS-TE TERMUNAL W/#26 PVC WIRE white L=260mm             | P601/ROD ANTENNA LUG      | 1   | 0.0429  | E.V.Y   |
| 189 | 108-0185-802 | #24 <14x0.16> PARALLEL RED/BLACK L=3.5FT                      | SPEAKER L/R               | 2   | 0.1618  | E.V.Y   |
| 190 | 104-0075-000 | WAFER PITCH 2.5mm 2PIN WAFER ( I TYPE)                        | MAIN PCB B+/B-(SO104)     | 1   | 0.0263  | E.V.Y   |
| 191 | 104-0101-000 | WAFER PITCH 2.5mm 5PIN WAFER ( I TYPE)                        | (SO701)                   | 1   | 0.0659  | E.V.Y   |
| 192 | 104-0070-000 | WAFER PITCH 2.0mm 2PIN WAFER ( I TYPE)                        | (SO103/SO107/SO109)       | 3   | 0.0263  | E.V.Y   |
| 193 | 104-0071-000 | WAFER PITCH 2.0mm 3PIN WAFER ( I TYPE)                        | (SO105)                   | 1   | 0.0395  | E.V.Y   |
| 194 | 104-0073-000 | WAFER PITCH 2.0mm 4PIN WAFER ( I TYPE)                        | (SO201)                   | 1   | 0.0527  | E.V.Y   |
| 195 | 108-0210-400 | FLAT CABLE PITCH 2.0mm 3 PINS (4+50+4mm)                      | SO101/SO501               | 1   | 0.0151  | E.V.Y   |
| 196 | 108-0211-400 | FLAT CABLE PITCH 2.0mm 7 PINS (4+50+4mm)                      | SO102/SO203               | 1   | 0.0275  | E.V.Y   |
| 197 | 323-0021-022 | £p1.3mm SA-1 TERMUNAL   | FM.ANT-p601 /CD MUTE-p103 | 2   | 0.0105  | E.V.Y   |
| 198 | 323-0016-022 | EYELET (2x7mm)  | POWER PCB IN4001          | 8   | 0.0029  | E.V.Y   |
| 199 | 323-0004-022 | EYELET (2x4mm)  | POWER PCB                 | 2   | 0.0030  | E.V.Y   |
| 200 | 446-0004-000 | TIE WIRE 4"   |                           | 2   | 0.0023  | E.V.Y   |
| 201 | 446-0003-000 | CABLE TIE 3"  |                           | 9   | 0.0056  | E.V.Y   |
| 202 | 442-0053-000 | DOUBLE SIDE TAPE FOR DIAL LENS                                |                           | 1   | 0.1882  | E.V.Y   |
| 203 | 266-0093-100 | CASSETTE DOOR LENS (417-046)                                  |                           | 1   | 0.1505  | E.V.Y   |
| 204 | 266-0094-100 | FUNCTION INLAY ( 417-047.DECK-PLATE ) 106.7x4.7mm             |                           | 1   | 0.0828  | E.V.Y   |



# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version

@USD

|     | PART NO.     | DESCRIPTION  | POSITION NUMBER              | QTY | U PRICE | VERSION     |
|-----|--------------|--|------------------------------|-----|---------|-------------|
| 205 | 266-0095-100 | BATTERY COVER -A ( 417-035 )                         |                              | 1   | 0.0941  | E.V.Y       |
| 206 | 266-0096-100 | BATTERY COVER -B ( 417-035 )                         |                              | 1   | 0.0941  | E.V.Y       |
| 207 | 266-0097-100 | DIAL BRACKET COVER -SHORT(217)15x10mm 'BLACK '       |                              | 1   | 0.0226  | E.V.Y       |
| 208 | 444-0051-100 | BACK PLATE (PJ-W317) 54.5x39.5mm                     |                              | 1   | 0.0866  | E OR V OR Y |
| 209 | 444-0049-000 | VOLTAGE SWITCH COVER (3001) 33.8X11mm BLACK          |                              | 1   | 0.0301  | E.V.Y       |
| 210 | 323-0018-022 | HEATSINK-IC TA8227P                                  |                              | 1   | 0.1242  | E.V.Y       |
| 211 | 323-0017-020 | HEATSINK -TR B986S                                   | (TR B986S)                   | 1   | 0.1581  | E.V.Y       |
| 212 | 442-0054-000 | SHIELDING PAPER SIZE:42x34mm W/£p2.8(FOR MIC MIXING) |                              | 1   | 0.0941  | E.V.Y       |
| 213 | 444-0052-000 | SLIDE SWITCH PLATE (BLACK)11x25mm                    |                              | 1   | 0.0151  | E.V.Y       |
| 214 | 327-0007-021 | ROD ANTENNA(3 SECTION) CH348(3001)                   |                              | 1   | 0.8280  | E.V.Y       |
| 215 | 322-0055-020 | RECORDING BRACKET (417-036)                          |                              | 1   | 0.1355  | E.V.Y       |
| 216 | 322-0049-020 | RECORDING SPRING PLATE (417) 0.6mm                   |                              | 1   | 0.0715  | E.V.Y       |
| 217 | 322-0056-020 | ROD ANTENNA MGT.BRACKET (3001)                       |                              | 1   | 0.0715  | E.V.Y       |
| 218 | 322-0057-020 | CABINET MOUNTING BRACKET- RIGHT (417-030)            |                              | 2   | 0.1204  | E.V.Y       |
| 219 | 322-0058-020 | CABINET MOUNTING BRACKET- LEFT (417-031)             |                              | 2   | 0.1204  | E.V.Y       |
| 220 | 322-0059-020 | DECK PCB MOUNTING BRACKET (417-037)                  |                              | 2   | 0.1393  | E.V.Y       |
| 221 | 322-0060-020 | MAIN. BOARD MOUNTING BRACKET (417-038)               |                              | 1   | 0.1129  | E.V.Y       |
| 222 | 322-0061-020 | CD PCB MOUNTING BRACKET (417-042)                    |                              | 2   | 0.1400  | E.V.Y       |
| 223 | 323-0019-020 | SPEAKER CLIP.(#04) (CD 3006F)                        |                              | 8   | 0.0151  | E.V.Y       |
| 224 | 322-0062-020 | CASS.DOOR-SPRING (217/417) WIRE-£p1.0mm              |                              | 1   | 0.0715  | E.V.Y       |
| 225 | 322-0063-022 | PCB-MOUNT SPRING (217/417.Battery Board)             |                              | 4   | 0.1317  | E.V.Y       |
| 226 | 446-0012-020 | PVC TUBE £p 4.5mm L=50mm                             |                              | 1   | 0.0075  | E.V.Y       |
| 227 | 326-0025-020 | INTERNAL TOOTH WASHER £pM2.6mm                       |                              | 2   | 0.0079  | E.V.Y       |
| 228 | 326-0024-020 | METAL NUT 2.6mm                                      |                              | 1   | 0.0045  | E.V.Y       |
| 229 | 326-0003-020 | METAL NUT 3.0mm                                      | TR B986S                     | 1   | 0.0079  | E.V.Y       |
| 230 | 323-0006-022 | SOLDER LUG 3x38mm                                    | CD DECK GNDx1,ROD ANTENNA x1 | 2   | 0.0079  | E.V.Y       |
| 231 | 323-0003-022 | COPPER WIRE 0.5 L=50mm (PCB MOUNT +VE WIRE)          |                              | 50  | 0.0019  | E.V.Y       |
| 232 | 105-0039-000 | BUZZER -27mm (SILVER COLOUR) 6006                    |                              | 2   | 0.0508  | E.V.Y       |
| 233 | 104-0092-000 | SPEAKER PUSH TERMINAL 4 SECTION (R-B-B-R) 6006       |                              | 1   | 0.3688  | E.V.Y       |
| 234 | 105-0033-000 | SPEAKER 4" 5.7 OHM 3-5W 3006F (BLACK-CAP)            |                              | 2   | 0.8000  | E.V.Y       |
| 235 | 441-0022-000 | WOOD PIECE 20x140mm                                  |                              | 2   | 0.0753  | E.V.Y       |
| 236 | 324-0039-029 | SPEAKR GRILLE D1.3mm DOUB.FLAT-BLACK (417-044)       |                              | 2   | 1.4979  | E.V.Y       |
| 237 | 441-0021-000 | RUBBER FOOT (3M) £p9mmx3.2mm                         |                              | 12  | 0.0896  | E.V.Y       |
| 238 | 442-0052-000 | DOUBLE SIDE TAPE                                     |                              | 8   | 0.0075  | E.V.Y       |

# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version

@USD

|     | PART NO.     | DESCRIPTION                                    | POSITION NUMBER                    | QTY | U PRICE | VERSION |
|-----|--------------|--|------------------------------------|-----|---------|---------|
| 239 | 442-0001-000 | SPONGE: 10x10x10mm                             |                                    | 2   | 0.0023  | E.V.Y   |
| 240 | 321-0023-120 | TAPE TITE SCREW M2x3mm                         | RECORDING SPRING PLATE/122         | 2   | 0.0070  | E.V.Y   |
| 241 | 321-0006-317 | MACHINE SCREW: M2.6x4 KM                       | PVC/121                            | 2   | 0.0026  | E.V.Y   |
| 242 | 321-0006-319 | MACHINE SCREW: M2.6x4 PM                       | ROD ANTENNA/SOLDERING LUG/113      | 1   | 0.0026  | E.V.Y   |
| 243 | 321-0045-318 | MACHINE SCREW: M2.6x5 BM                       | PVCx1,MAIN PCB/METAL BKT/TAPE PCB/ | 6   | 0.0026  | E.V.Y   |
| 244 | 321-0003-318 | MACHINE SCREW: M3x8 BM                         | CD PCB/METAL BKTx2,TR 986Sx1/118   | 3   | 0.0324  | E.V.Y   |
| 245 | 321-0003-317 | MACHINE SCREW: M3x8 KM (BLACK)                 | FRONT/BACK CABINETx4/114           | 4   | 0.0324  | E.V.Y   |
| 246 | 321-0062-220 | TAPPING SCREW: T 3x8 PA                        | TUNING BKTx4,CD PCB/CD DECKx4/117  | 8   | 0.0327  | E.V.Y   |
| 247 | 321-0003-218 | : T3x8 BT                                      | DOOR GEARx1,SWITCH BRACKETx4,MAI   | 16  | 0.0034  | E.V.Y   |
| 248 |              |  |                                    |     |         |         |
| 249 |              |  |                                    |     |         |         |
| 250 | 321-0063-220 | : T3x10 PA                                     | AC SOCKETx2/111                    | 2   | 0.0034  | E.V.Y   |
| 251 | 321-0004-218 | : T3x10 BT                                     | ROD ANTENNA BKTx2,FRONT CAB/META   | 19  | 0.0045  | E.V.Y   |
| 252 |              |  |                                    |     |         |         |
| 253 |              |  |                                    |     |         |         |
| 254 | 321-0004-288 | : T3x10 BT (BLACK)                             | SPEAKER TERMINAL/BACK CABx2/116    | 2   | 0.0045  | E.V.Y   |
| 255 | 321-0004-287 | : T3x10 KT (BLACK)                             | BACK CAB/CD BKTx6/115              | 6   | 0.0045  | E.V.Y   |
| 256 | 321-0004-224 | : T3x10 PWT (8mm)                              | TRANSFORMERx2,SPEAKER CLIPx8/110   | 10  | 0.0045  | E.V.Y   |
| 257 | 321-0009-218 | : T3x16 BT (6mm)                               | SPEAKER FRONT CAB/BACK CABx8/119   | 8   | 0.0068  | E.V.Y   |
| 258 | 582-0010-103 | PACKING:417 POLYFOAM TOP-L/R, BOTTOM-L/R (KIT) |                                    | 1   | 2.2582  | E.V.Y   |
| 259 | 582-0009-003 | :POLYFOAM -3/4"x4"x2-3/4"                      |                                    | 1   | 0.0597  | E.V.Y   |
| 260 | 581-0007-201 | :GIFT.BOX=CARTON                               |                                    | 1   | 3.2857  | E.V.Y   |
| 261 | 584-0007-200 | :INSTRUCTION SHEET                             |                                    | 1   | 0.4705  | E.V.Y   |
| 262 | 583-0009-107 | :POLYBAG 18"x24" (PE) FOR MAIN UNIT            |                                    | 1   | 0.0753  | E.V.Y   |
| 263 | 583-0008-107 | :POLYBAG 14.5"x22" (PE) FOR SPEAKER BOX        |                                    | 2   | 0.0452  | E.V.Y   |
| 264 | 583-0002-000 | :POLYBAG 4"x8"                                 |                                    | 1   | 0.0075  | E.V.Y   |
| 265 | 587-0002-010 | :CD CAUTION LABEL (YELLOW)                     |                                    | 1   | 0.0677  | E.V.Y   |
| 266 | 587-0004-010 | :LASER LABEL (YELLOW)                          |                                    | 1   | 0.0677  | E.V.Y   |
| 267 | 587-0003-010 | :SERIAL NUMBER LABEL                           |                                    | 2   | 0.0132  | E.V.Y   |
| 268 | 587-0008-010 | :CE LABEL                                      |                                    | 1   | 0.0113  | E.V.Y   |
| 269 | 587-0006-010 | :GIFT BOX LABEL                                |                                    | 1   | 0.0113  | E.V.Y   |
| 270 | 587-0009-010 | :MADE IN CHINA LABEL                           |                                    | 2   | 0.0263  | E.V.Y   |
| 271 | PJ-417CD-001 | SPEAKER PANEL                                  | 41                                 | 2   | 4.4805  | E.V.Y   |
| 272 | PJ-417CD-002 | SPEAKER BACK CABINET                           | 46                                 | 2   | 6.5714  | E.V.Y   |

# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V] V Version = S Version

@USD

|     | PART NO.     | DESCRIPTION                | POSITION NUMBER | QTY | U PRICE | VERSION |
|-----|--------------|----------------------------|-----------------|-----|---------|---------|
| 273 | PJ-417CD-003 | FRONT PANEL                | 15              | 1   | 2.3896  | E.V.Y   |
| 274 | PJ-417CD-004 | BACK CABINET               | 96              | 1   | 5.3766  | E.V.Y   |
| 275 | PJ-417CD-005 | TUNING BRACKET             | 16              | 1   | 0.0896  | E.V.Y   |
| 276 | PJ-417CD-006 | BATTERY DOOR               | 99              | 1   | 0.0896  | E.V.Y   |
| 277 | PJ-417CD-007 | POINTER                    | 17              | 1   | 0.0896  | E.V.Y   |
| 278 | PJ-417CD-008 | ROTARY KNOB/MIC MISING     | 3               | 1   | 0.0179  | E.V.Y   |
| 279 | PJ-417CD-009 | VOLUME KNOB                | 4               | 1   | 0.0388  | E.V.Y   |
| 280 | PJ-417CD-010 | BAND KNOB/FUNCTION KNOB    | 73              | 2   | 0.0448  | E.V.Y   |
| 281 | PJ-417CD-011 | SUPER BASS KNOB            | 77              | 1   | 0.0239  | E.V.Y   |
| 282 | PJ-417CD-012 | TUNING KNOB                | 18              | 1   | 0.0448  | E.V.Y   |
| 283 | PJ-417CD-013 | CD CONTROL KNOB (A)        | 19              | 1   | 0.0478  | E.V.Y   |
| 284 | PJ-417CD-014 | CD CONTROL KNOB (B)        | 20              | 1   | 0.0478  | E.V.Y   |
| 285 | PJ-417CD-015 | CASSETTE KNOB "A"          | 31              | 1   | 0.0600  | E.V.Y   |
| 286 | PJ-417CD-016 | CASSETTE KNOB "B"          | 32              | 4   | 0.0600  | E.V.Y   |
| 287 | PJ-417CD-017 | CASSETTE KNOB "C"          | 33              | 1   | 0.0600  | E.V.Y   |
| 288 | PJ-417CD-018 | CD DOOR COVER              | 51              | 1   | 0.1792  | E.V.Y   |
| 289 | PJ-417CD-019 | DIAL LENS                  | 6               | 1   | 0.1344  | E.V.Y   |
| 290 | PJ-417CD-020 | SPEAKER BACK COVER         | 47              | 2   | 0.1792  | E.V.Y   |
| 291 | PJ-417CD-021 | CASS DOOR BRACKET          | 7               | 2   | 0.3584  | E.V.Y   |
| 292 | PJ-417CD-022 | CASS DOOR                  | 2               | 1   | 0.1942  | E.V.Y   |
| 293 | PJ-417CD-023 | CD BRACKET + STOPPER -JACK | 52,30           | 1   | 0.2240  | E.V.Y   |
| 294 | PJ-417CD-024 | DIAL DRUM                  | 88              | 1   | 0.1494  | E.V.Y   |
| 295 | PJ-417CD-025 | BAND KNOB BRACKET          | 75              | 1   | 0.0538  | E.V.Y   |
| 296 | PJ-417CD-026 | FUNCTION KNOB BRACKET      | 70              | 1   | 0.0538  | E.V.Y   |
| 297 | PJ-417CD-027 | BAND KNOB ADAPTOR          | 74              | 1   | 0.0418  | E.V.Y   |
| 298 | PJ-417CD-028 | FUNCTION KNOB ADAPTOR      | 72              | 1   | 0.0418  | E.V.Y   |
| 299 | PJ-417CD-029 | ANT MOUNTING BRACKET       | 93              | 1   | 0.0448  | E.V.Y   |
| 300 | PJ-417CD-030 | LCD BRACKET                | 60              | 1   | 0.0448  | E.V.Y   |
| 301 | PJ-417CD-031 | AKAI LOGO BADGE            | 40              | 2   | 0.0777  | E.V.Y   |
| 302 | PJ-417CD-032 | BAR HOLDER                 | 84              | 2   | 0.0896  | E.V.Y   |
| 303 | PJ-417CD-033 | ROTARY KNOB (BASS/TREBLE)  | 5               | 2   | 0.1000  | E.V.Y   |
| 304 | PJ-417CD-034 | PINION                     | 12              | 1   | 0.0800  | E.V.Y   |
| 305 | PJ-417CD-035 | HOUSING - PINION           | 13              | 1   | 0.0700  | E.V.Y   |
| 306 | PJ-417CD-036 | CD P.C.B. MOUNTING (A)     | 49              | 2   | 0.2000  | E.V.Y   |



# SPARE PARTS PRICE LIST

MODEL: AKAI PJ-417 CD-II (ALL VERSION) AM/FM, AM/FM/LW & AM/FM/SW [AC-230V]

V Version = S Version

@USD

|     | PART NO.       | DESCRIPTION                             | POSITION NUMBER | QTY | U PRICE | VERSION |
|-----|----------------|---|-----------------|-----|---------|---------|
| 307 | PJ-417CD-037   | CD ARRIVE HOLDER                        | 53              | 1   | 0.1000  | E.V.Y   |
| 308 | PJ-417CD-038   | LED HOLDER - OPE/BATT                   | 56              | 1   | 0.0800  | E.V.Y   |
| 309 | PJ-417CD-039   | LED HOLDER - FM STEREO                  | 61              | 1   | 0.0800  | E.V.Y   |
| 310 | PJ-417CD-040RC | <b>REMOTE HAND SET (COMPLETE ASS'Y)</b> |                 | 1   | 6.0000  | E.V.Y   |
| 311 | PJ-417CD-041RC | FRONT CABINET FOR REMOTE CONTROL        |                 | 1   | 0.6000  | E.V.Y   |
| 312 | PJ-417CD-042RC | BACK CABINET FOR REMOTE CONTROL         |                 | 1   | 0.8000  | E.V.Y   |
| 313 | PJ-417CD-043RC | BATTERY DOOR FOR REMOTE CONTROL         |                 | 1   | 0.3000  | E.V.Y   |
| 314 | PJ-417CD-044RC | KEY RUBBER FOR REMOTE CONTROL 1 ROW     |                 | 1   | 0.6000  | E.V.Y   |
| 315 | PJ-417CD-045RC | PCB W/CARBON CONTACT FOR REMOTE CONTROL |                 | 1   | 0.2000  | E.V.Y   |
| 316 | PJ-417CD-046RC | RESONATOR 455E                          |                 | 1   | 0.3000  | E.V.Y   |
| 317 | PJ-417CD-047RC | I.C. NEC 6121G-002                      |                 | 1   | 1.0000  | E.V.Y   |
| 318 | PJ-417CD-048RC | TR 8050C                                |                 | 1   | 0.0828  | E.V.Y   |
| 319 | PJ-417CD-049RC | INFRARED DIODE 5MM                      |                 | 1   | 0.4000  | E.V.Y   |
| 320 | PJ-417CD-050RC | E.CAP 47uF 10V                          |                 | 1   | 0.0271  | E.V.Y   |
| 321 | PJ-417CD-051RC | BATTERY CONTACT + FOR REMOTE HAND SETS  |                 | 1   | 0.0670  | E.V.Y   |
| 322 | PJ-417CD-052RC | BATTERY CONTACT - FOR REMOTE HAND SETS  |                 | 1   | 0.0600  | E.V.Y   |
| 323 | PJ-417CD-053RC | BATTERY CONTACT +- FOR REMOTE HAND SETS |                 | 1   | 0.9000  | E.V.Y   |
| 324 | PJ-417CD-054RC | INLAY FOR REMOTE HAND SETS              |                 | 1   | 0.4000  | E.V.Y   |
|     |                | <b>MAIN UNIT FOR REMOTE CONTROL</b>     |                 |     |         | E.V.Y   |
| 325 | PJ-417CD-055RC | SENSOR SBX9035 (TYPE L)                 |                 | 1   | 0.9000  | E.V.Y   |
| 326 | PJ-417CD-056RC | DIODE 1N4148                            |                 | 12  | 0.0118  | E.V.Y   |
| 327 | PJ-417CD-057RC | PLASTIC SENSOR BRACKET                  |                 | 1   | 0.0800  | E.V.Y   |
| 328 | PJ-417CD-058RC | 3 PINS HOUSING W/PVC WIRE L=150MM       |                 | 1   | 0.1200  | E.V.Y   |
| 329 | PJ-417CD-059RC | 4 PINS HOUSING W/PVC WIRE L=150MM       |                 | 1   | 0.1500  | E.V.Y   |
|     |                |   |                 |     |         |         |